

# SWIT®

# PRODUCT CATALOGUE 2024/25



Monitor

Wireless

Battery

Light

# SWIT®

Solutions With Innovative Technology  
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VER: 2024-03-10(EN)

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## About us

SWIT Electronics Co., Ltd. was founded in 1996, specialized in developing and manufacturing broadcast and film industry products, including 4K/UHD camera/studio monitors, wireless video transmission, Pro-camera batteries, chargers and power solutions, on-camera lightings and studio lightings.

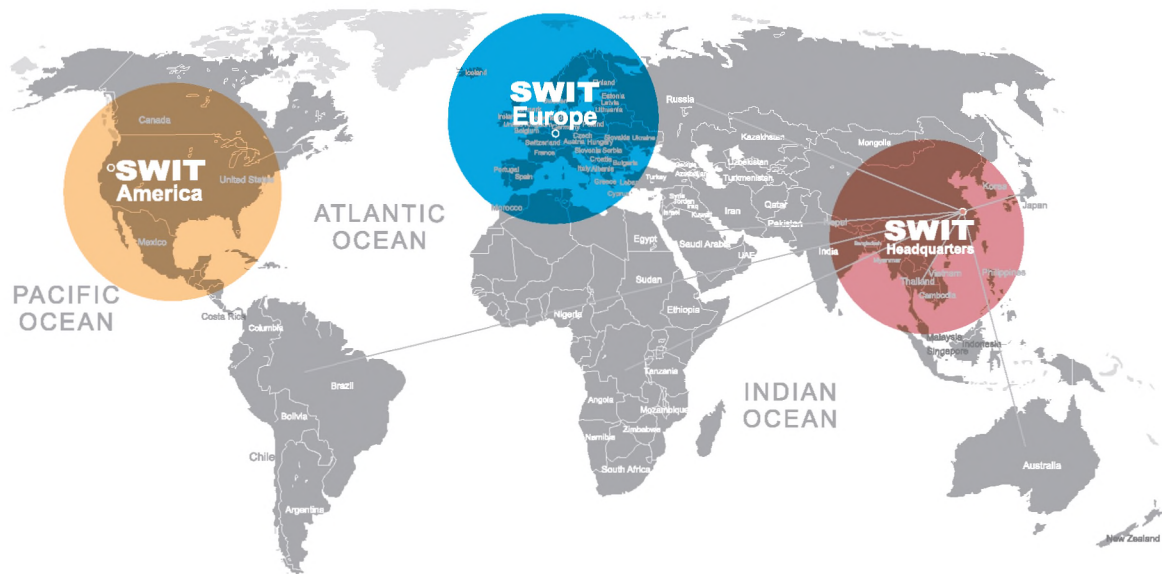
SWIT headquarters locate in Nanjing, China, and SWIT European sub company locates in Nordrhein-Westfalen, Germany; SWIT America sub company locates in California, USA. SWIT owns an independent R&D center and has been granted more than 50 international patents.

Over the years, SWIT has gained great reputation worldwide for the outstanding and innovative products, and established an international distribution network covering over 100 countries and regions all around the world.

The trademark “**SWIT**” has been registered in more than 60 countries worldwide, and has been rated as the Well-known Brand of Nanjing City. Quality, Reliability, Creativity and Compatibility are what you can find in SWIT, the trusted brand and choice.



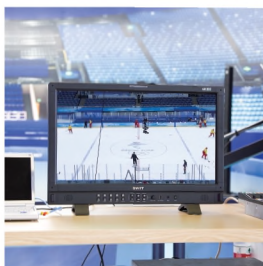
# Global Distribution



## Product Lines

### Monitor

Professional Broadcast and film production, 4K/8K UHD 12G-SDI, NDI, QLED and Local dimming Mini-LED HDR panel, with full range of video scopes, 3DLUT, auto calibration, etc.



### Wireless

Professional 5GHz 3G-SDI & HDMI wireless transmission system from 150m to 3km, DFS comply, wall-cross, for field productions, director monitoring, drones, etc.



### Battery

Full range of B-mount, V-mount, Gold mount, NP-1 style, various DV batteries, and chargers, power stations for cameras, lights and all related equipments.



### Light

Broadcast Studio and Event Panel and Fresnel LEDs; Film set high power RGBW Panels, Flexible air lights; ENG camera-top COB light and Portable interview kit.







## 2304 zones Local Dimming Mini-LED

Brilliantly Bright, Impeccably Dark

**31.5" UHD**

3840×2160

**1,000,000:1**

Contrast

**1,500nits**

Brightness

**4×12GSDI**

Quadview & 8K





## BM-U325MD

### 31.5-inch 1,000,000:1 4K/8K HDR Monitor

- ◆ 31.5-inch 10-bit 3840×2160 UHD, 18-bit processing
- ◆ 2304 zones local dimming Mini-LED panel
- ◆ 1500nits high bright, 1,000,000:1 contrast ratio
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Rec.2020, DCI-P3, Rec.709 color gamut select
- ◆ HLG1000, PQ1000, S-log3 HDR select
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern
- ◆ IP Webserver remote control



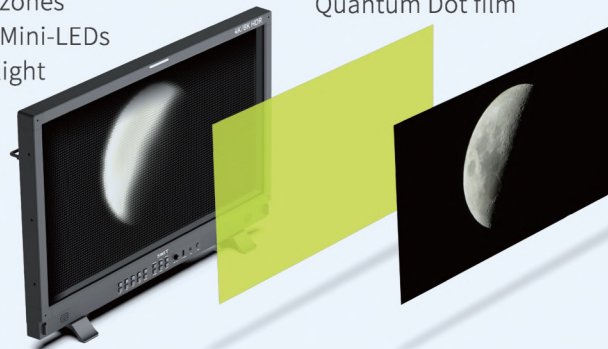
#### Local Dimming Mini-LED

SWIT dedicated Mini-LED panel tech with unique local dimming drivers and advanced image-backlight algorithms, to reach 1,000,000:1 contrast, and greatly restrain the halo effect, ensure full viewing angle to display brilliantly bright, impeccably dark HDR contents.

2304 zones  
9216 Mini-LEDs  
Backlight

Quantum Dot film

10bit UHD  
Display Panel



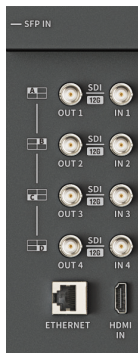
#### Specifications:

	Model	BM-U325MD
Display	Size	31.5-inch
	Resolution	3840×2160
	Bright/Cont.	1500nits / 1,000,000:1
	Viewing angle	H/V: 178°/178°
	Color depth	10-bit 1.073G colors
Input	SDI	12G/6G/3G/HD/SD-SDI ×4
	HDMI	4K60p HDMI 2.0 ×1
	SFP (Optional)	12GSDI / ST 2110 via Fiber
	UMD	RS485 in×1 out×1
	GPI (Tally)	RS485 ×1
	Ethernet	RJ45 1000Mbps ×1
	Firmware/LUT	USB ×1
Output	SDI	12G/6G/3G/HD/SD-SDI ×4
	Analog audio	3.5mm socket ×1
General	AC input	AC 100-240V, 50/60Hz
	Power	≤190W
	Dimension	753.5×490×111.1mm
	Net weight	16.8kg





## Studio Monitor



### BM-U245HDR

#### 23.8-inch 1000nits 4K/8K HDR Monitor

- ◆ 23.8-inch 10-bit 3840×2160 UHD, 18-bit processing
- ◆ 1000nits high bright PQ/HLG/S-log3 HDR display
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern



### BM-U275HDR

#### 27-inch 1000nits 4K/8K HDR Monitor

- ◆ 27-inch 10-bit 3840×2160 UHD, 18-bit processing
- ◆ 1000nits high bright PQ/HLG/S-log3 HDR display
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern



### BM-U325HDR

#### 31.5-inch 1000nits 4K/8K HDR Monitor

- ◆ 31.5-inch 10-bit 3840×2160 UHD, 18-bit processing
- ◆ 1000nits high bright PQ/HLG/S-log3 HDR display
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern



## BM-U175 17.3-inch 4K/8K Studio Monitor

- ◆ 17.3-inch 3840×2160 UHD, 18-bit processing
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Rec.2020, DCI-P3, Rec.709 color gamut select
- ◆ HLG1000, PQ1000, S-log3 HDR gamma select
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern
- ◆ 19-inch 7U rack mountable



## BM-U245 23.8-inch 4K/8K Studio Monitor

- ◆ 23.8-inch 10bit 3840×2160 UHD, 18-bit processing
- ◆ 12G-SDI 4 in 4 out, 8K input ready, HDMI2.0 in
- ◆ 12GSDI/ST 2110 via fiber by optional SFP adaptor
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Rec.2020, DCI-P3, Rec.709 color gamut select
- ◆ HLG1000, PQ1000, S-log3 HDR gamma select
- ◆ Payload ID identified EOTF, color space etc
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / Eye pattern
- ◆ 16-ch audio meters / Lissajous / Surround pattern

### Specifications:

	Model	BM-U175	BM-U245	BM-U245HDR	BM-U275HDR	BM-U325HDR
Display	Size	17.3-inch	23.8-inch	23.8-inch	27-inch	31.5-inch
	Resolution	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160
	Viewing angle	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°
	Bright/Cont.	400nits / 1000:1	300nits / 1000:1	1000nits / 1000:1	1000nits / 1000:1	1000nits / 1000:1
	Color depth	8-bit 16.77M colors	10-bit 1.073G colors	10-bit 1.073G colors	10-bit 1.073G colors	10-bit 1.073G colors
Input	SDI	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4
	HDMI	4K60p HDMI 2.0 ×1	4K60p HDMI 2.0 ×1	4K60p HDMI 2.0 ×1	4K60p HDMI 2.0 ×1	4K60p HDMI 2.0 ×1
	SFP (Optional)	12GSDI / ST 2110 via Fiber	12GSDI / ST 2110 via Fiber	12GSDI / ST 2110 via Fiber	12GSDI / ST 2110 via Fiber	12GSDI / ST 2110 via Fiber
	UMD	RS485 in×1 out×1	RS485 in×1 out×1	RS485 in×1 out×1	RS485 in×1 out×1	RS485 in×1 out×1
	GPI (Tally)	RS485 ×1	RS485 ×1	RS485 ×1	RS485 ×1	RS485 ×1
	Ethernet	RJ45 1000Mbps ×1	RJ45 1000Mbps ×1	RJ45 1000Mbps ×1	RJ45 1000Mbps ×1	RJ45 1000Mbps ×1
	Firmware/LUT	USB ×1	USB ×1	USB ×1	USB ×1	USB ×1
Output	SDI	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4	12G/6G/3G/HD/SD-SDI ×4
	Analog audio	3.5mm socket ×1	3.5mm socket ×1	3.5mm socket ×1	3.5mm socket ×1	3.5mm socket ×1
General	AC/DC IN	AC 100-240V, DC 12-17V	AC 100-240V, DC 12-17V	AC 100-240V, DC 12-17V	AC 100-240V	AC 100-240V
	Power	≤60W	≤70W	≤120W	≤130W	≤150W
	Dimension	436×310.8×92mm	580.9×392.3×92mm	593×404.5×92mm	652.3×433.1×92mm	753.5×490×111.1mm
	Net weight	5.9kg	8.87kg	10kg	11kg	16kg





## Studio Monitor



### BM-H215HDR

#### 21.5-inch 1000nits 4K Input HDR Monitor

- ◆ 21.5-inch 1920×1080 QLED Panel
- ◆ 1000nits high bright PQ/HLG/S-log3 HDR display
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ VICO 1.97 A-class Eye Protecting
- ◆ 12G-SDI in&loop and 4x 3G-SDI 4K input
- ◆ HDMI2.0 (4K60P) input
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / 12G-SDI Eye pattern
- ◆ 16-ch audio meters / Lissajous pattern



### BM-H215

#### 21.5-inch QLED 4K Input HD Monitor

- ◆ 21.5-inch 1920×1080 QLED Panel
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ VICO 1.97 A-class Eye Protecting
- ◆ 12G-SDI in&loop and 4x 3G-SDI 4K input
- ◆ HDMI2.0 (4K60P) input
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / 12G-SDI Eye pattern
- ◆ 16-ch audio meters / Lissajous pattern



### BM-H245

#### 23.8-inch QLED 4K Input HD Monitor

- ◆ 23.8-inch 1920×1080 QLED Panel
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ VICO 1.97 A-class Eye Protecting
- ◆ 12G-SDI in&loop and 4x 3G-SDI 4K input
- ◆ HDMI2.0 (4K60P) input
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Zero latency video processing (0.01frame)
- ◆ Waveform / Vector / Histogram / 12G-SDI Eye pattern
- ◆ 16-ch audio meters / Lissajous pattern



**NDI®**

## BM-215-NDI

### 21.5-inch QLED Professional NDI® Monitor

- ◆ 21.5-inch 1920×1080 QLED Panel
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ VICO 1.97 A-class Eye Protecting
- ◆ High bandwidth 4K NDI®, 3GSDI and HDMI2.0 input
- ◆ NDI® decode to 3GSDI output
- ◆ NDI®/SDI/HDMI Pic-by-Pic and Pic-in-Pic view
- ◆ Auto detect and quick select NDI® sources
- ◆ NDI® Discovery Server support
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Waveform / Vector / Histogram / False color / Zebra
- ◆ 16-ch audio meters / Lissajous pattern



**NDI®**

## BM-245-NDI

### 23.8-inch QLED Professional NDI® Monitor

- ◆ 23.8-inch 1920×1080 QLED Panel
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ VICO 1.97 A-class Eye Protecting
- ◆ High bandwidth 4K NDI®, 3GSDI and HDMI2.0 input
- ◆ NDI® decode to 3GSDI output
- ◆ NDI®/SDI/HDMI Pic-by-Pic and Pic-in-Pic view
- ◆ Auto detect and quick select NDI® sources
- ◆ NDI® Discovery Server support
- ◆ 3DLut Auto Self-calibration without PC
- ◆ Waveform / Vector / Histogram / False color / Zebra
- ◆ 16-ch audio meters / Lissajous pattern

## Specifications:

	Model	BM-H215HDR	BM-H215	BM-H245	BM-215-NDI	BM-245-NDI
Display	Size	21.5-inch	21.5-inch	23.8-inch	21.5-inch	23.8-inch
	Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
	Viewing angle	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°	H/V: 178°/178°
	Brightness/Contrast	1000nits / 1000:1	400nits / 1000:1	400nits / 1000:1	400nits / 1000:1	400nits / 1000:1
	Color depth	10bit (8+2FRC)	10bit (8+2FRC)	10bit (8+2FRC)	10bit (8+2FRC)	10bit (8+2FRC)
	Color gamut	100% DCI-P3	100% DCI-P3	100% DCI-P3	100% DCI-P3	100% DCI-P3
Input	SDI in	12G/6G/3G/HD/SD-SDI×1; 3G/HD/SD-SDI×3			3G/HD/SD-SDI×2	
	NDI® in	—			High bandwidth NDI® up to 4K30p	
	HDMI in	4K60p HDMI 2.0×1			4K60p HDMI 2.0×1	
	UMD in	RS485×1			RS485×1	
	GPI (Tally) in	RS485×1			RS485×1	
	Firmware/LUT	USB×1			USB×1	
Output	SDI loop	12G/6G/3G/HD/SD-SDI×1; 3G/HD/SD-SDI×1			3G/HD/SD-SDI×1	
	NDI® to SDI decode out	—			NDI® to 3G/HD/SD-SDI×1	
	UMD out	RS485×1			RS485×1	
	Analog audio	3.5mm socket×1			3.5mm socket×1	
General	AC input	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
	DC input	DC/battery 12V-17V	DC/battery 12V-17V	DC/battery 12V-17V	DC/battery 12V-17V	DC/battery 12V-17V
	Power consumption	≤60W	≤60W	≤60W	≤45W	≤45W
	Dimension	529×363×73mm	531×363×67mm	581×392×67mm	530.6×364.3×74.2mm	580.9×392.3×74.2mm
	Net weight	7.28kg	6.6kg	7.8kg	6.5kg	8.87kg

\* NDI® is a registered trademark of Vizrt Group.





## S-1173F

### 17.3-inch Broadcast Studio Monitor

- ◆ 17.3-inch LCD Panel, 1920×1080 resolution
- ◆ 3G/HD/SD-SDI (x2), HDMI, YUV, VGA, CVBS monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ 3DLUT accurate color calibration
- ◆ Build-in multi delog Luts, User Luts upload by USB
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, histogram R/G/B/Y, Focus assist
- ◆ False Color, R/G/B/Mono, Zebra stripes
- ◆ AFD, Timecode, H/V delay, TSL UMD
- ◆ Marker 4:3/13:9/14:9/15:9/1.85:1/2.35:1
- ◆ V-mount / Gold mount battery plate optional
- ◆ 19-inch 7U rack mount



## S-1223F

### 21.5-inch Broadcast Studio Monitor

- ◆ 21.5-inch LCD Panel, 1920×1080 resolution
- ◆ 3G/HD/SD-SDI (x2), HDMI, YUV, VGA, CVBS monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ 3DLUT accurate color calibration
- ◆ Build-in multi delog Luts, User Luts upload by USB
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, histogram R/G/B/Y, Focus assist
- ◆ False Color, R/G/B/Mono, Zebra stripes
- ◆ AFD, Timecode, H/V delay, TSL UMD
- ◆ Marker 4:3/13:9/14:9/15:9/1.85:1/2.35:1
- ◆ V-mount / Gold mount battery plate optional



## S-1243F

### 23.8-inch Broadcast Studio Monitor

- ◆ 23.8-inch LCD Panel, 1920×1080 resolution
- ◆ 3G/HD/SD-SDI (x2), HDMI, YUV, VGA, CVBS monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ 3DLUT accurate color calibration
- ◆ Build-in multi delog Luts, User Luts upload by USB
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, histogram R/G/B/Y, Focus assist
- ◆ False Color, R/G/B/Mono, Zebra stripes
- ◆ AFD, Timecode, H/V delay, TSL UMD
- ◆ Marker 4:3/13:9/14:9/15:9/1.85:1/2.35:1
- ◆ V-mount / Gold mount battery plate optional



## M-1093F

### Dual 9-inch Rack Mount Monitor

- ◆ 9-inch LCD×2, 1920×1200 resolution
- ◆ Standard 19" 4RU rack install, ±30° rotatable
- ◆ 3G/HD/SD-SDI, HDMI, CVBS monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, histogram R/G/B/Y, Focus assist
- ◆ False Color, R/G/B/Mono, Zebra stripes
- ◆ AFD, Timecode, H/V delay, TSL UMD
- ◆ Marker 4:3, 13:9, 14:9, 15:9, 1.85:1, 2.35:1
- ◆ Front TALLY light and GPI control



## M-1073H

### Dual 7-inch Rack Mount Monitor

- ◆ 7-inch LCD×2, 1920×1200 resolution
- ◆ Standard 19" 3RU rack install, ±30° rotatable
- ◆ 3G/HD/SD-SDI, HDMI 2.0 (4K60p) monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ 9 steps quick zoom-in and pan
- ◆ Peaking focus assist with precision adjustment
- ◆ Build-in multi delog Luts, User Luts upload by USB
- ◆ False Color, R/G/B/Mono, Zebra stripes
- ◆ AFD, Timecode, H/V delay, TSL UMD
- ◆ Marker 4:3, 13:9, 14:9, 15:9, 1.85:1, 2.35:1
- ◆ Front TALLY light and GPI control

## Specifications:

	Model	S-1173F	S-1223F	S-1243F	M-1093F	M-1073H
Display	Size	17.3-inch	21.5-inch	23.8-inch	9-inch (×2)	7-inch (×2)
	Resolution	1920×1080	1920×1080	1920×1080	1920×1200	1920×1200
	Viewing angle	H/V: 160°/160°	H/V: 178°/178°	H/V: 178°/178°	H/V:170°/170°	H/V:160°/160°
	Brightness/Contrast	300nits, 700:1	250nits, 1000:1	250nits, 1000:1	450nits, 1000:1	400nits, 1000:1
Input	SDI	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2 (×2)	3G/HD/SD-SDI×2 (×2)
	Y/Pb/Pr	Y/Pb/Pr×1	Y/Pb/Pr×1	Y/Pb/Pr×1	—	—
	CVBS	CVBS×1	CVBS×1	CVBS×1	CVBS×1 (×2)	—
	HDMI	HDMI×1	HDMI×1	HDMI×1	HDMI×1 (×2)	HDMI 2.0×1 (×2)
	UMD	RS485×1, RS232×1	RS485×1, RS232×1	RS485×1, RS232×1	RS485×1 (×2)	RS485×1 (×2)
	GPI	RS485×1	RS485×1	RS485×1	RS485×1 (×2)	RS485×1 (×2)
	VGA	VGA×1	VGA×1	VGA×1	—	—
Output	Analog audio	RCA L×1, R×1	RCA L×1, R×1	RCA L×1, R×1	3.5mm socket×1 (×2)	—
	SDI loop	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2 (×2)	3G/HD/SD-SDI×1 (×2)
	CVBS loop	CVBS×1	CVBS×1	CVBS×1	CVBS×1 (×2)	—
	HDMI loop	HDMI×1	HDMI×1	HDMI×1	HDMI×1 (×2)	HDMI 2.0×1 (×2)
	UMD	RS485×1	RS485×1	RS485×1	—	—
	Analog audio	3.5mm socket×1	3.5mm socket×1	3.5mm socket×1	3.5mm socket×1 (×2)	3.5mm socket×1 (×2)
General	Working voltage	DC/Battery: 11V-17V	DC/Battery: 11V-17V	DC/Battery: 11V-17V	DC 6.5-24V	DC 6.5-36V
	Power consumption	≤32W	≤32W	≤36W	≤36W	18 - 26W
	Dimension	430×310×73mm	525×358×87mm	576×387×87mm	484×177×112.8mm, 4U	484×130×82mm, 3U
	Net weight	4.65kg	6.2kg	7.2kg	2.8kg	2.4kg





## Field Monitor



### FM-215HDR 21.5-inch 1000nits HDR Field Monitor

- ◆ 21.5-inch 1920×1080 FHD QLED Panel
- ◆ 1000nits high bright PQ/HLG/S-log3 HDR display
- ◆ 100% DCI-P3 wide color gamut coverage
- ◆ 12G-SDI, 4×3G-SDI, HDMI 2.0 4K input
- ◆ 4-ch 12G/6G/3G/HD-SDI/HDMI mixed Quadview
- ◆ Any 2 inputs Pic-by-Pic and Pic-in-Pic display
- ◆ Horizontal and Vertical (cropped) PBP view
- ◆ Built-in multiple Delog Luts and User 3DLuts upload
- ◆ Zero latency video processing (0.01frame)
- ◆ 3DLUT Auto Self-calibration without PC
- ◆ Waveform / Focus assist / False color / Zebra
- ◆ On-board V-mount battery plate
- ◆ With flight case, screen protector for field production
- ◆ Optional VESA to C-stand adaptor



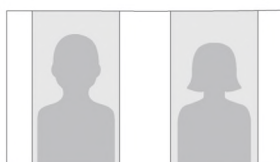
#### Multi-view Modes

12G/3G/HD	3G/HD-SDI
3G/HD-SDI	3G/HD-SDI or HDMI 2.0

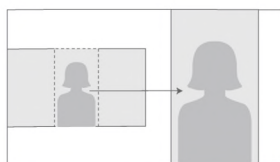
Mixed formats Quadview

12G/3G/HD or HDMI 2.0	12G/3G/HD or HDMI 2.0
-----------------------	-----------------------

Any 2 inputs PBP or PIP view



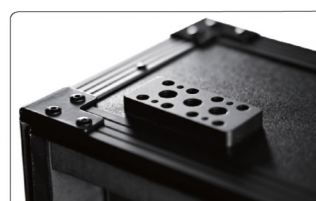
Any 2 inputs Vertical (Cropped)



1 source Horizontal and Vertical simultaneous side by side view for multi-platform livestreaming



Go with Flight Case



2× Cheese Boards for wireless install



With Screen Protector



VESA to C-stand Adaptor (Optional Purchase)

## S-1093F

### 9-inch FHD On-Camera Monitor

- ◆ 9-inch IPS LCD, 1920×1200 resolution
- ◆ 3G/HD/SD-SDI, HDMI, CVBS monitoring
- ◆ 16-ch audio meters and select any 2-ch to output
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, R/G/B/Y histogram
- ◆ AFD, H/V delay, SDI timecode display
- ◆ Focus assist, Zebra, R/G/B/Mono, False color
- ◆ TSL UMD and text TALLY display
- ◆ Front / Rear TALLY light and GPI control
- ◆ 4pin XLR DC in & V/Gold/DV plates for option



## S-1093H

### 9-inch FHD On-Camera Monitor

- ◆ 9-inch IPS LCD, 1920×1200 resolution
- ◆ 3G/HD/SD-SDI, HDMI, CVBS monitoring
- ◆ 2-ch SDI/HDMI embedded audio meter display
- ◆ AFD, H/V delay, SDI timecode display
- ◆ Focus assist, Zebra, R/G/B/Mono, False color
- ◆ TSL UMD and text TALLY display
- ◆ Front / Rear TALLY light and GPI control
- ◆ 4pin XLR DC in & V/Gold/DV plates for option



#### ■ Specifications:

	Model	FM-215HDR	S-1093F	S-1093H
Display	Size	21.5-inch	9-inch	9-inch
	Resolution	1920×1080	1920×1200	1920×1200
	Brightness / Contrast	1000nits / 1000:1	450nits, 1000:1	450nits, 1000:1
	Color depth	10bit (8+2FRC)	8bit	8bit
	Viewing angle	H/V: 178°/178°	H/V: 170°/170°	H/V: 170°/170°
Input	SDI	12G/6G/3G/HD/SD-SDI×1; 3G/HD/SD-SDI×3	3G/HD/SD-SDI×2	3G/HD/SD-SDI×2
	HDMI	4K60p HDMI2.0 ×1	HDMI 1.3 ×1	HDMI 1.3 ×1
	CVBS	—	CVBS ×1	CVBS ×1
	Analog audio	—	3.5mm socket×1	3.5mm socket×1
	Firmware/LUT	USB×1	USB×1	USB×1
Output	SDI loop out	12G/6G/3G/HD/SD-SDI×1; 3G/HD/SD-SDI×1	3G/HD/SD-SDI ×2	3G/HD/SD-SDI ×2
	HDMI loop out	—	HDMI 1.3 ×1	HDMI 1.3 ×1
	CVBS loop out	—	CVBS ×1	CVBS ×1
	Analog audio	3.5mm socket ×1	3.5mm socket ×1	3.5mm socket ×1
General	Power consumption	≤60W	≤18W	≤18W
	Working voltage	DC/Battery 12-17V	DC/Battery 6.5-24V	DC/Battery 6.5-24V
	Dimension	570×405×260mm (with case)	241×178×50mm	241×178×50mm
	Weight	14kg (with case)	960g	960g





## CURVE500+

### HDMI 500ft/150m Wireless System

#### With USB Capture for PC/Mac Live Streaming

- ◆ KUWI 5.1-5.9GHz Wireless Technology
- ◆ DFS comply, CE/FCC certificated
- ◆ HDMI 1080p60 wireless transmission
- ◆ Receiver USB 1080p60 video capture output for PC/Mac
- ◆ 500ft/150m (Line-of-Sight) distance
- ◆ 32ms stable low latency
- ◆ 2-ch HDMI audio transmission
- ◆ Built-in freq. scanner, auto jump to a best channel
- ◆ Stable connection and stronger wall-cross
- ◆ Support 7 pairs working in one location
- ◆ Wireless protocol & content double encryption
- ◆ NP-F DV battery plate for both Tx and Rx



Transmitter



Receiver



## FLOW500

### SDI&HDMI 500ft/150m Wireless System

- ◆ KUWI 5.1-5.9GHz Wireless Technology
- ◆ DFS comply, CE/FCC certificated
- ◆ 3GSDI & HDMI, with 3GSDI loop out
- ◆ 500ft/150m (Line-of-Sight) distance
- ◆ 32ms stable low latency
- ◆ 2-ch SDI&HDMI audio transmission
- ◆ OLED info and channel switching
- ◆ Built-in freq. scanner, auto jump to a best channel
- ◆ Stable connection and stronger wall-cross
- ◆ Support up to 22 pairs working in one location
- ◆ Multicast - 1 transmitter to unlimited receivers
- ◆ Wireless protocol & content double encryption
- ◆ NP-F DV battery plate for both Tx and Rx



Transmitter



Receiver

## FLOW2000

### SDI&HDMI 2000ft/600m Wireless System

- ◆ KUWI 5.1-5.9GHz Wireless Technology
- ◆ DFS comply, CE/FCC certificated
- ◆ 3GSDI & HDMI, with 3GSDI loop out
- ◆ 2000ft/600m (Line-of-Sight) distance
- ◆ 32ms stable low latency
- ◆ 2-ch SDI&HDMI audio transmission
- ◆ OLED info and channel switching
- ◆ Built-in freq. scanner, auto jump to a best channel
- ◆ Stable connection and stronger wall-cross
- ◆ Support up to 22 pairs working in one location
- ◆ Multicast - 1 transmitter to unlimited receivers
- ◆ Wireless protocol & content double encryption
- ◆ NP-F DV battery plate for both Tx and Rx



Transmitter



Receiver

## FLOW6500

### SDI&HDMI 6500ft/2km Wireless System

- ◆ KUWI 5.1-5.9GHz Wireless Technology
- ◆ DFS comply, CE/FCC certificated
- ◆ 3GSDI & HDMI, with 3GSDI loop out
- ◆ Receiver built-in high gain panel antenna
- ◆ 6500ft/2km (Line-of-Sight) distance
- ◆ 32ms stable low latency
- ◆ 2-ch SDI&HDMI audio transmission
- ◆ OLED info and channel switching
- ◆ Built-in freq. scanner, auto jump to a best channel
- ◆ Stable connection and stronger wall-cross
- ◆ Support up to 22 pairs working in one location
- ◆ Multicast - 1 transmitter to unlimited receivers
- ◆ Wireless protocol & content double encryption
- ◆ NP-F DV plate for Tx, V-mount plate for Rx



Transmitter



Panel Receiver

## FLOW10K

### SDI&HDMI 10000ft/3km Wireless System

- ◆ KUWI 5.1-5.9GHz Wireless Technology
- ◆ DFS comply, CE/FCC certificated
- ◆ 3GSDI & HDMI, with 3GSDI loop out
- ◆ Receiver built-in high gain panel antenna
- ◆ 10000ft/3km (Line-of-Sight) distance
- ◆ 32ms stable low latency
- ◆ 2-ch SDI&HDMI audio transmission
- ◆ OLED info and channel switching
- ◆ Built-in freq. scanner, auto jump to a best channel
- ◆ Stable connection and stronger wall-cross
- ◆ Support up to 22 pairs working in one location
- ◆ Multicast - 1 transmitter to unlimited receivers
- ◆ Wireless protocol & content double encryption
- ◆ NP-F DV plate for Tx, V-mount plate for Rx



Transmitter



Panel Receiver

### Specifications:

	Model	CURVE500+	FLOW500	FLOW2000	FLOW6500	FLOW10K
Input/Output	Transmitter	HDMI 1.3 in ×1 HDMI 1.3 loop ×1	3G/HD-SDI in ×1 3G/HD-SDI loop ×1 HDMI 1.3 in ×1	3G/HD-SDI in ×1 3G/HD-SDI loop ×1 HDMI 1.3 in ×1	3G/HD-SDI in ×1 3G/HD-SDI loop ×1 HDMI 1.3 in ×1	3G/HD-SDI in ×1 3G/HD-SDI loop ×1 HDMI 1.3 in ×1
	Receiver	HDMI 1.3 out ×2 USB capture out ×1	3G/HD-SDI out ×2 HDMI 1.3 out ×1	3G/HD-SDI out ×2 HDMI 1.3 out ×1	3G/HD-SDI out ×2	3G/HD-SDI out ×1
Wireless	Frequency	5.17GHz-5.69GHz & 5.75GHz-5.83GHz, OFDM 16QAM, 64QAM, QPSK, BPSK				
	Latency	32ms	32ms	32ms	32ms	32ms
	RF Power	50mW	128mW	128mW	128mW	128mW
	Distance	500ft/150m	500ft/150m	2000ft/600m	6500ft/2000m	10000ft/3000m
General	Input voltage	Tx/Rx: DC 7-17V	Tx/Rx: DC 7-34V	Tx/Rx: DC 7-34V	Tx/Rx: DC 7-34V	Tx/Rx: DC 7-34V
	Power	Tx: 7.5W; Rx: 7W	Tx/Rx: 8W	Tx/Rx: 8W	Tx/Rx: 9W	Tx/Rx: 9W
	Dimension	Tx: 114×70×28mm	Tx: 66×107×25mm	Tx: 66×107×25mm	Tx: 66×107×25mm	Tx: 66×107×25mm
		Rx: 114×70×28mm	Rx: 107×66×25mm	Rx: 107×66×25mm	Rx: 190×190×46mm	Rx: 305×305×43mm
	Net weight	Tx: 180.8g; Rx: 181.2g	Tx: 236g; Rx: 245g	Tx: 236g; Rx: 245g	Tx: 286g; Rx: 1.5kg	Tx: 286g; Rx: 2.3kg



# NDI® EFP

Camera Production System

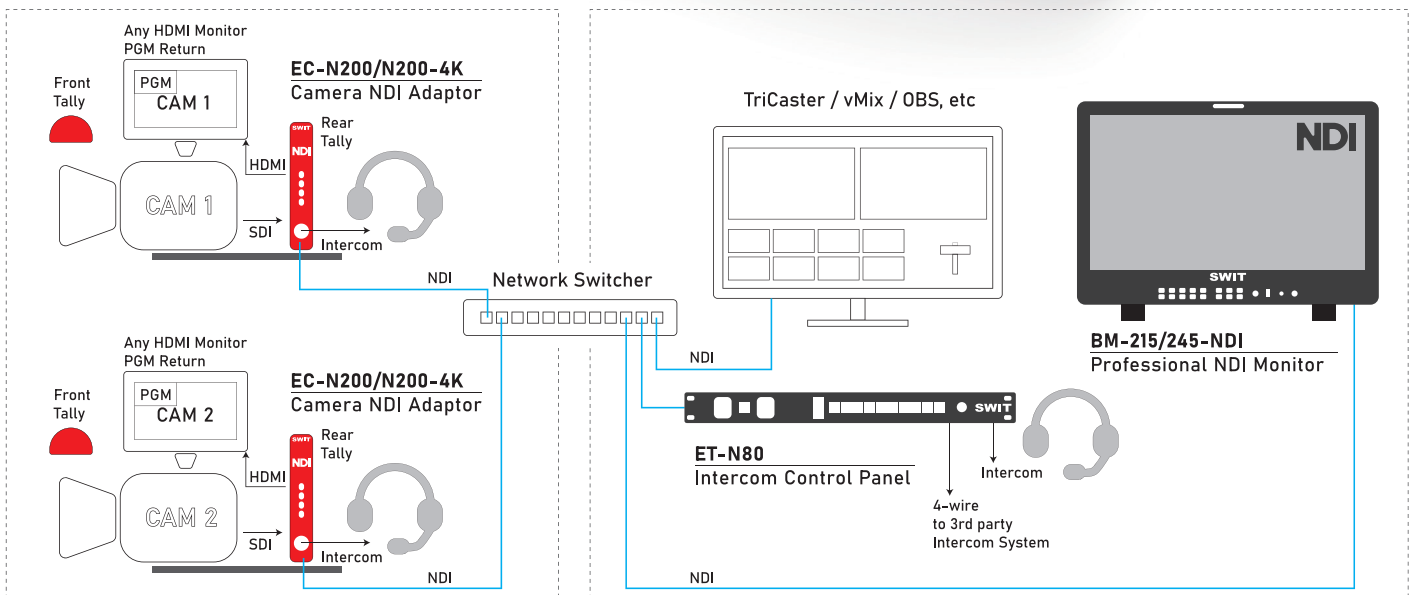
✓ Intercom

✓ Return Video

✓ TALLY

✓ 4K 60p NDI®

## System Diagram





## EC-N200 / EC-N200-4K

### NDI® Codec Camera Adaptor (HD/4K)



- ◆ Encode camera SDI to high bandwidth NDI®
- ◆ Decode PGM NDI® source to HDMI output
- ◆ Switch local video and PGM return video in HDMI output
- ◆ Intercom communication with ET-N80 control panel
- ◆ Intercom volume adjust, call director, headset connector
- ◆ On-board TALLY light and external TALLY output
- ◆ DC 11-17V 1.5A and V-mount battery power input
- ◆ Support 42-57V 0.5A PoE power input
- ◆ D-tap 14.4V or Pole-tap 8.4V out for camera and accessory
- ◆ 15mm rod rail system to install with any ENG cameras
- ◆ Webserver network configuration and firmware update

EC-N200: up to 3G-SDI and HD NDI® (150Mbps)

EC-N200-4K: up to 12G-SDI and 4K NDI® (250Mbps)

#### Standard Accessories



15mm rod system to install between camera and tripod



The clamp to install camera adaptor onto 15mm rod rail



External TALLY light with cable and cold shoe bracket



5-pin XLR single ear headset



The clamp to fix RJ45 network cable



#### Standard Accessories



Swan Neck MIC



5-pin XLR single ear headset

## ET-N80

### NDI® System Intercom Control Panel



- ◆ LAN connection full duplex intercom with cameramen
- ◆ Bind with both EC-N200 & EC-N200-4K camera adaptors
- ◆ Select intercom channels or ANN announcement mode
- ◆ 5-pin Headset and 3-pin swan neck mic connectors
- ◆ 4-wire to connect 3rd party intercom system
- ◆ Webserver network configuration and firmware update
- ◆ 19-inch 1RU rack mount





## WAVE500

### Dual Channel Wireless Microphone



- ◆ 2x Transmitters and 1x Receiver Kit
- ◆ 2.4G wireless, 500ft receiving range
- ◆ Zero latency and full synchronization
- ◆ Compact size, built-in Mic or Lav beltpack
- ◆ Pocket clip and Coldshoe mounting
- ◆ 3.5mm Mic input and audio output
- ◆ 180Hz low cut and Gain control
- ◆ SPL 110dB, more space for post production
- ◆ LCD display for both Tx and Rx
- ◆ 8 hours run time built-in battery
- ◆ 1.5 hours quick charging via USB-C

#### Specifications:

Model		WAVE500
Input/Output	Transmitter	Built-in Mic × 1 1/8" / 3.5mm TRS Mic input × 1 Audio Input Level: 1V (0dBV)
	Receiver	1/8" / 3.5mm TRS Mic output × 1 1/8" / 3.5mm TRS Headphone output × 1 Audio Output Level: Line out: 1V; Headphone out: 25-30mW
Wireless	Frequency	2400-2483.5MHz
	Frequency Response	20Hz - 20KHz
	RF Sensitivity	-81dBm
	Distance	500ft/150m (LOS)
Microphone	Sound Field	Mono
	Polar Pattern	Omnidirectional
	Frequency Range	50Hz-20KHz
	Sensitivity	-40dB (±3dB, re 1V/Pa at 1KHz)
	Maximum SPL	135dB SPL (at 1KHz)
General	Power Consumption	Tx/Rx: 3.3V-4.7V
	Inner Battery	Tx/Rx: 400mAh, 8 hours run time
	Charging	Tx/Rx: USB-C PD 1.5 hours fully charge
	Dimension	Tx/Rx: 52×42×17mm
	Weight	Tx/Rx: 39g



## S-4600 SDI to HDMI

- ◆ 1×3G-SDI in, 1×HDMI out
- ◆ 1×3G-SDI loop out
- ◆ Embed SDI audio to HDMI out
- ◆ SDI audio output via 3.5mm socket



## S-4601 HDMI to SDI

- ◆ 1×HDMI in, 2×3G-SDI out
- ◆ 1×analog audio (3.5mm) in
- ◆ Embed HDMI audio to SDI out
- ◆ Embed analog audio into SDI out



## S-4604 SDI 1 to 4 Distributor

- ◆ 1×3G-SDI in, 4×3G-SDI out
- ◆ SDI re-clocking and amplifier



## S-4605 SDI to OPTICAL

- ◆ 1×3G-SDI in, 1×OPTICAL out
- ◆ 1×3G-SDI loop out
- ◆ Single-mode fiber, max 20km



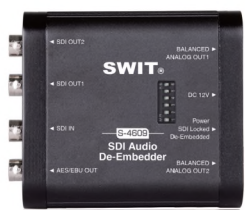
## S-4606 OPTICAL to SDI

- ◆ 1×OPTICAL in, 2×3G-SDI out
- ◆ Single-mode fiber, max 20km



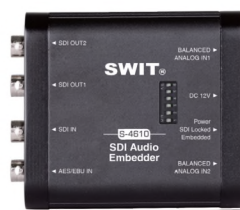
## S-4607 SDI/OPTICAL Bi-directional

- ◆ Convert 3G-SDI to OPTICAL with SDI loop
- ◆ Convert OPTICAL to 2×3G-SDI out
- ◆ Single-mode fiber, max 20km



## S-4609 SDI Audio De-embedder

- ◆ 1×3G-SDI in, 2×3G-SDI loop out
- ◆ De-embed 2-ch 6.35mm Analog audio out
- ◆ De-embed 2-ch AES/EBU audio out
- ◆ Select any 2 channels from 8-ch SDI audio to de-embed



## S-4610 SDI Audio Embedder

- ◆ 1×3G-SDI in
- ◆ 2-ch 6.35mm Analog audio in; 2-ch AES/EBU audio in
- ◆ Embed audio to any 2-ch of SDI first 8-ch positions
- ◆ 2×SDI out with new embedded audio



## S-4611 SDI to DVI

- ◆ 1×3G-SDI in, 1×3G-SDI loop out
- ◆ 1 DVI-D (18+1) out
- ◆ SDI audio output via 3.5mm socket



## S-4612 DVI to SDI

- ◆ 1×DVI-D (18+1) in, 2×3G-SDI out
- ◆ 1×analog audio (3.5mm) in
- ◆ Embed Analog audio into SDI out



# VOLTA

Modular Add-On  
FLOOR BATTERY



Infinite Energy  
Endless Possibilities



- ✓ 1600Wh Each Unit
- ✓ DC 12V/24V/48V Out
- ✓ 1500W Constant Load
- ✓ AC & Solar Charging

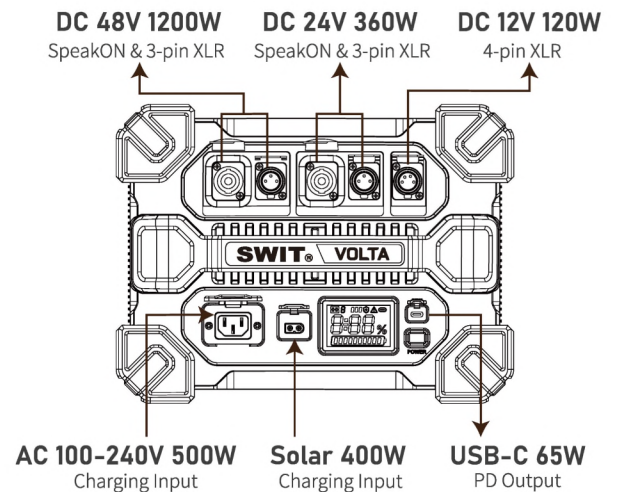
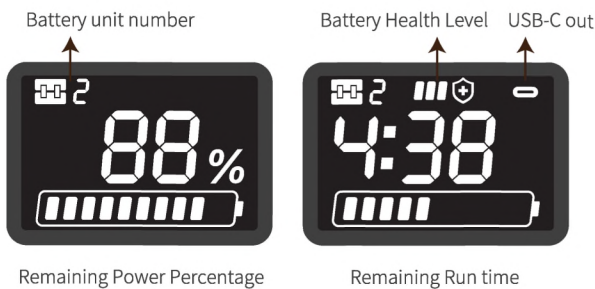




## VOLTA-DC1600 Modular Add-on Floor Battery

- ◆ 1600Wh high power Li-ion battery cells
- ◆ Add on battery sections to expand capacity
- ◆ 2×DC 48V (Reg.) 1200W output
- ◆ 2×DC 24V (Reg.) 360W output
- ◆ 1×DC 12V (Reg.) 120W output
- ◆ 1×USB-C 65W power output
- ◆ Built-in AC 100-240V 500W fast charging
- ◆ Solar panel XT60 port 12-60V 400W charging
- ◆ LCD display remaining time and cycle times
- ◆ Heavy duty housing with robber covers

### LCD Power Info Display



## VA1600 VOLTA Add-on Battery Unit

- ◆ 1600Wh high power Li-ion battery cells
- ◆ Add onto VOLTA floor battery to expand capacity
- ◆ Unlimited numbers of add-on battery sections
- ◆ Easy screw and plug-in operation by users
- ◆ Heavy duty housing with robber covers

### DC Cables Provide Select a cable for your light



Cable length: 2 meters

Model	Connect VOLTA	To Device	Max Load	Fit Lights
PA-701	3-pin XLR - 24V/48V	3-pin XLR	15A	ARRI Skypanel X/S60/S120, Orbiter, Litepanel Gemini
PA-705	SpeakON - 24V/48V	3-pin XLR	15A	
PA-702	3-pin XLR - 24V/48V	4-pin XLR	10A	Aputure LS600, NOVA P300/600, KinoFlo, Fiilex, etc
PA-706	SpeakON - 24V/48V	4-pin XLR	10A	
PA-703	3-pin XLR - 24V/48V	SpeakON NL4FX	15A	ARRI L5-C, Prolights EclPanel TWCJR, etc
PA-707	SpeakON - 24V/48V	SpeakON NL4FX	25A	
PA-704	3-pin XLR - 24V/48V	4-pin Ecomate	15A	Nanlite Forza300/500, Dyno 650C, Lightstar Luxed4
PA-708	SpeakON - 24V/48V	4-pin Ecomate	25A	
				Creamsource Vortex 4 / 8





# B-MOUNT CINE POWER SYSTEM



14.4v  
28.8v

## BIVO-98 98Wh

- ◆ 14.4V & 28.8V Bi-voltage
- ◆ 150W constant load
- ◆ 2x D-tap output sockets  
(14.4V status: D-tap 11-16.8V out)  
(28.8V status: D-tap Reg.16V out)
- ◆ Built-in LED torch
- ◆ 1.2m drop-off proof



14.4v  
28.8v

## BIVO-160 160Wh

- ◆ 14.4V & 28.8V Bi-voltage
- ◆ 200W constant load
- ◆ 33.6V 100W ultra fast charging
- ◆ 2x D-tap output sockets  
(14.4V status: D-tap 11-16.8V out)  
(28.8V status: D-tap Reg.16V out)
- ◆ OLED display remaining time
- ◆ Built-in LED torch, 1.2m drop-off proof



14.4v  
28.8v

## BIVO-200 196Wh

- ◆ 14.4V & 28.8V Bi-voltage
- ◆ 200W constant load
- ◆ 33.6V 100W ultra fast charging
- ◆ 2x D-tap output sockets  
(14.4V status: D-tap 11-16.8V out)  
(28.8V status: D-tap Reg.16V out)
- ◆ OLED display remaining time
- ◆ Built-in LED torch, 1.2m drop-off proof



14.4v  
28.8v

## BIVO-290 290Wh

- ◆ 14.4V & 28.8V Bi-voltage
- ◆ 250W constant load
- ◆ 33.6V 100W ultra fast charging
- ◆ 2x D-tap output sockets  
(14.4V status: D-tap 11 -16.8V out)  
(28.8V status: D-tap Reg.16V out)
- ◆ OLED display remaining time
- ◆ Built-in LED torch, 1.2m drop-off proof



28.8v

USB-C  
60W

## HB-A290B 290Wh

- ◆ 28.8V high voltage
- ◆ 250W constant load
- ◆ 33.6V 100W ultra fast charging
- ◆ 2x D-tap Reg- 16V outputs
- ◆ 1x USB-C 60W in & out
- ◆ 1x USB-A5V 2A out
- ◆ OLED display remaining time
- ◆ Built-in LED torch, 1.2m drop-off proof



## Keep Camera On When Changing Battery

### KA-B30B

#### B-mount to B-mount Hot Swap Plate

- ◆ Keep Camera On when changing battery
- ◆ 28V, 32Wh 3Ah battery cells inside
- ◆ 200W constant load, 2 min hot swap time
- ◆ 120 seconds countdown display
- ◆ 2×D-tap regulated 14V output
- ◆ 1×LEMO 2-pin regulated 14V output
- ◆ 22-33.6V 8-pin input for power station hotswap



[BIVO]  
[ONLY]

### S-3822B

#### 2×50W Simultaneous B-mount Charger

- ◆ DC16.8V, 50W×2 simultaneous fast charging
- ◆ Charge B-mount batteries with 14.4V mode
- ◆ Compatible with SWIT BIVO series
- ◆ 1-ch 4-pin XLR DC 15V, 6A output
- ◆ LED charging indicators



### PC-P461B

#### 4×100W Ultra Fast B-mount Charger

- ◆ 4-ch simultaneous charging
- ◆ Charge B-mount batteries with 28.8V mode
- ◆ Compatible with SWIT BIVO series and HB-A290B
- ◆ DC 33.6V 100W ultra fast charging ≥ 160Wh batteries
- ◆ DC 33.6V 44W charging < 160Wh batteries
- ◆ 3.5-inch color LCD info display
- ◆ Battery cycle times display
- ◆ Top large charging indicators

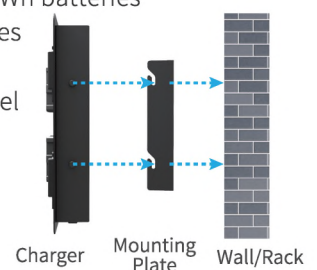


### MATRIX-B8

#### 8×100W Ultra Fast B-mount Wall Charger



- ◆ 8-ch simultaneous charging
- ◆ Charge B-mount batteries with 28.8V mode
- ◆ Compatible with SWIT BIVO series and HB-A290B
- ◆ DC 33.6V 100W ultra fast charging ≥ 160Wh batteries
- ◆ DC 33.6V 44W charging < 160Wh batteries
- ◆ 2×3.5-inch color LCD info display
- ◆ LED charging indicators for each channel
- ◆ Wall mounting or 19-inch rack install







## High Power Battery



# Infinite Capabilities to power your lights

28.8V **500W** Extreme High Load



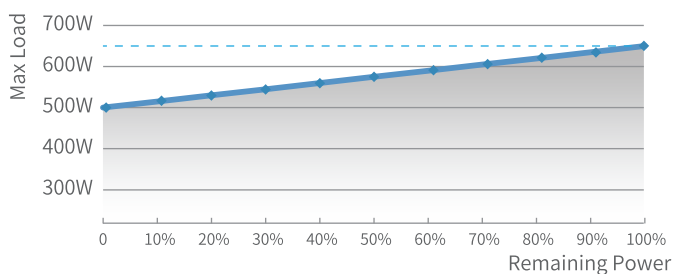
## HB-C420S 28.8V 420Wh

- ◆ Huge capacity battery to hold by hand
- ◆ 28.8V (22-33.6V) high voltage
- ◆ Standard V-mount connection
- ◆ 500W constant high load, 650W peak load
- ◆ Charge by SWIT PC-P461S or MATRIX-S8
- ◆ 33.6V 100W ultra fast charging
- ◆ 5-LED digital power indicators
- ◆ Multiple circuit protections

**28.8 V**  
V-mount

**500 W**  
High Load

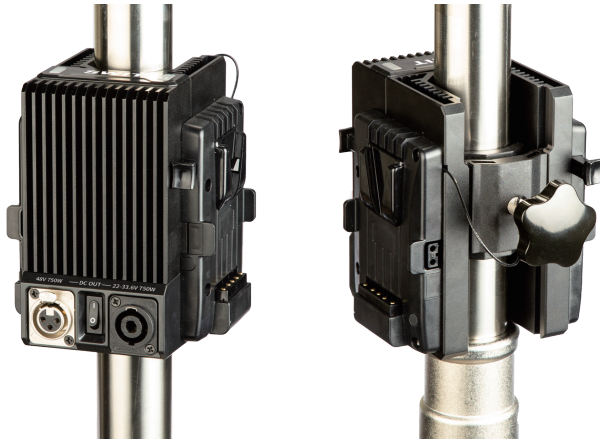
**100 W**  
Fast Charge



\* Please Note the HB-C420S is 28.8V (21.6-33.6V) voltage V-mount battery, **DO NOT** use it on the device that doesn't support up to 33.6V power input.

# 48V 750W

## Light Stand Power Adaptor



### TD-R230S

#### 2-Batteries Light Stand Power Adaptor

- ◆ Mount 2x 28.8V V-mount batteries
- ◆ 25-45mm light stand install
- ◆ Neutrik 3-pin XLR 48V (Reg.) 750W output×1
- ◆ Neutrik SpeakON 22-33.6V 750W output×1
- ◆ Power indicators for each battery



### S-7250S

#### 1-Battery Light Stand Power Adaptor

- ◆ Mount 1x V-mount battery
- ◆ 13-53mm strong clamp to light stand or tripod
- ◆ Neutrik SpeakON (battery voltage)×20A output
- ◆ Output 22-33.6V 500W by SWIT HB-C420S battery





## Huge Capacity Battery



### PB-C420S 14.4V 420Wh

- ◆ Huge capacity battery to hold by hand
- ◆ Standard V-mount interface
- ◆ 250W/20A constant high load
- ◆ 100W/6A ultra fast charging
- ◆ D-tap power output and charging input×2
- ◆ SMBus power info for both SONY & RED
- ◆ Multiple protection circuit

**250 W**  
High Load

**100 W**  
Fast Charge



### PB-C420A 14.4V 420Wh

- ◆ Huge capacity battery to hold by hand
- ◆ Standard Gold Mount interface
- ◆ 250W/20A constant high load
- ◆ 100W/6A ultra fast charging
- ◆ D-tap power output and charging input×2
- ◆ Multiple protection circuit

**250 W**  
High Load

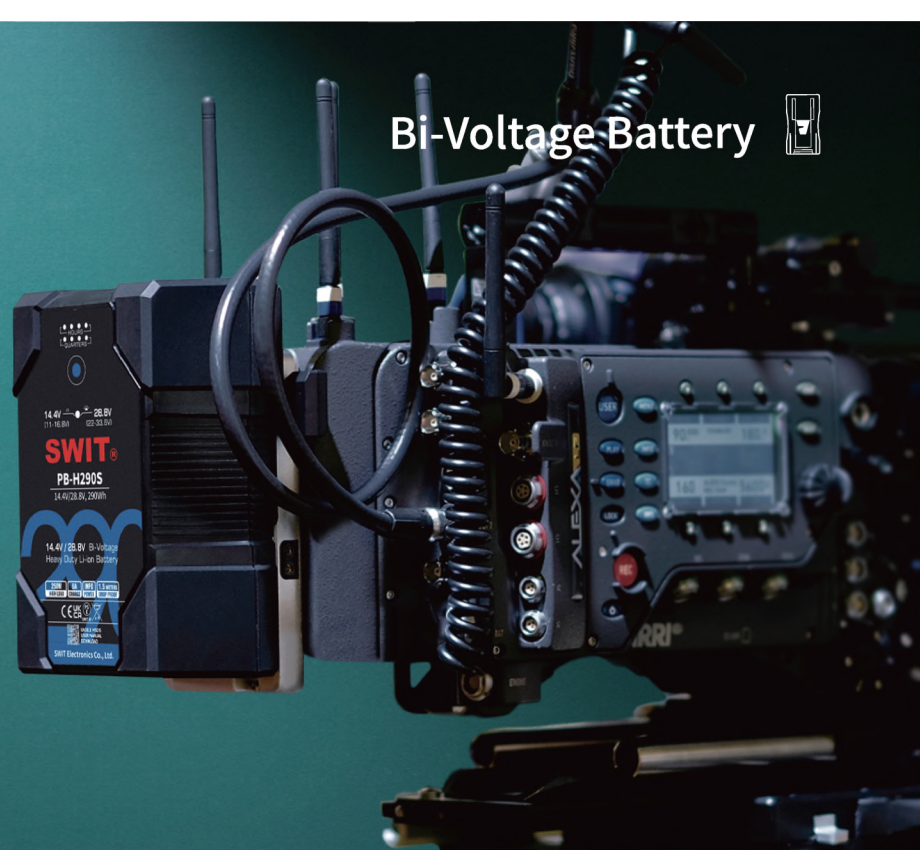
**100 W**  
Fast Charge





# 14.4V / 28.8V Bi-Voltage V-mount

ARRI ALEXA LF/65  
RED V-RAPTOR XL, etc



## PB-H290S 14.4V/28.8V 290Wh

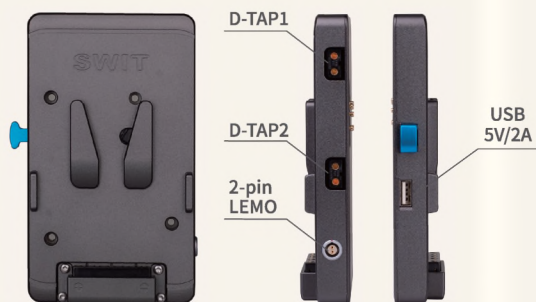
- ◆ 14.4V/28.8V Bi-voltage auto switch
- ◆ Standard V-mount connection
- ◆ Power 11-16.8V or 22-33.6V equipment
- ◆ Charge by regular 16.8V chargers
- ◆ 250W constant high load
- ◆ D-tap 11-16.8V regular voltage output
- ◆ 100W/6A ultra fast charging
- ◆ 8-LED remaining time indicators
- ◆ 1.5m drop-off proof

**250 W**  
High Load

**100 W**  
Fast Charge

To active 22-33.6V output of PB-H Bi-voltage battery

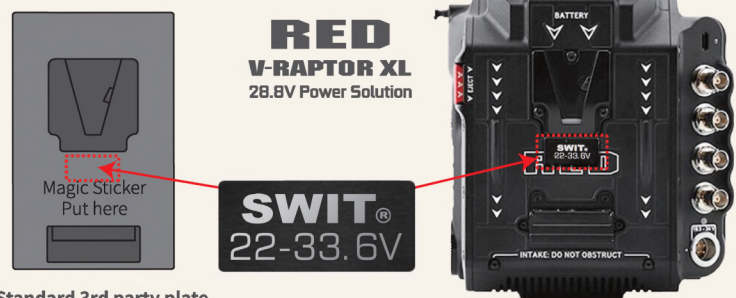
### 1 By ARRI Alexa dedicated plate KA-A20S



#### KA-A20S

- ◆ For ARRI ALEXA 65, LF, SXT install
- ◆ Auto active 22-33.6V output of PB-H battery
- ◆ 2x D-tap, 1x 2-pin LEMO 16V/6A power output
- ◆ 1x USB 5V/2A output
- ◆ 10A high load reliable power pins
- ◆ Aluminum CNC unibody housing

### 2 By "Magic Sticker" on 3rd party plates



Standard 3rd party plate

#### Magic Sticker

For RED V-Raptor XL camera and many other cine gears designed with high voltage V-mount input, the "Magic Sticker" is used to active 28.8V high voltage of PB-H290S battery. Attach the Magic Sticker on the particular position of any standard 3rd party V-mount plates, the PB-H290S will detect the Magic Sticker and automatically output 22-33.6V voltage.





# IP54 Heavy Duty Battery

## ■ Introduction

PB-R series camera batteries have innovative dual housings structure: the inner cell cage and outer anti-shock housing with rubber covers. This structure makes the battery quite strong, anti-shock, IP54 water & dust proof, protects the battery from drop-off accident, rain and severe environment, especially in the application on film sets.



Strong dual housings  
1.5m drop-off proof  
IP54 rain proof



### PB-R160A/S+ 160Wh

- ◆ Heavy Duty 1.5m drop-off proof
- ◆ 200W, 16A constant high load
- ◆ 100W/6A ultra fast charging
- ◆ 8-LED remaining run time indicators
- ◆ D-tap power output ×1

PB-R160A: Gold Mount

PB-R160S+: V-mount

SONY & RED power info, IP54 rainproof

200 W  
High Load

100 W  
Fast Charge

IP54  
Rainproof



### PB-R220A/S+ 220Wh

- ◆ Heavy Duty 1.5m drop-off proof
- ◆ 200W, 16A constant high load
- ◆ 100W/6A ultra fast charging
- ◆ 8-LED remaining run time indicators
- ◆ D-tap power output ×1

PB-R220A: Gold Mount

PB-R220S+: V-mount

SONY & RED power info, IP54 rainproof

200 W  
High Load

100 W  
Fast Charge

IP54  
Rainproof



### PB-R290A/S+ 290Wh

- ◆ Heavy Duty 1.5m drop-off proof
- ◆ 250W, 20A constant high load
- ◆ 100W/6A ultra fast charging
- ◆ 8-LED remaining run time indicators
- ◆ D-tap power output ×1

PB-R290A: Gold Mount

PB-R290S+: V-mount

SONY & RED power info, IP54 rainproof

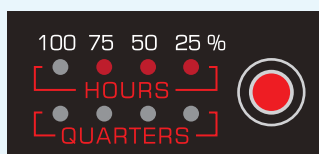
250 W  
High Load

100 W  
Fast Charge

IP54  
Rainproof

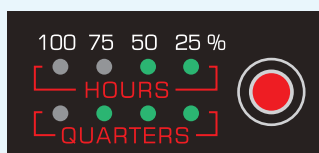
## Power Info Display

The 8-LED power check indicators tell not only the remaining power percentage, but also the remaining running time on the equipment, accurate to 15 minutes.



▲ 75% power left

When battery is free, press "Power Check" button, the upper 4 LEDs indicate remaining power percentage. When battery is under charging, the upper 4 LEDs flash and indicate remaining power percentage.



▲ 2 hours 45 mins time left

When the battery is working on camera or other devices, press "Power Check" button, The upper 4 LEDs indicate remaining working hours; And lower 4 LEDs indicate remaining working minutes.

## IP54 water / dust proof

The dual housing structure featured 1.5 meters drop-off proof and V-mount version PB-R160S+, PB-R220S+ and PB-R290S+ featured IP54 water / dust proof. You can use the battery at any weather conditions.



## ■ Introduction

PB-S series camera batteries are cine style compact designed, shorter than normal V/Gold mount batteries, and match perfectly with Cine-cameras. The build-in OLED can display accurate power info during charging and discharging, and to make convenient connections, the PB-S batteries provide USB output socket and up to 4 D-tap sockets for camera-top devices.



**PB-S98A/S**  
**98Wh**

- ◆ 150W, 12A constant load
- ◆ 2× D-tap output
- ◆ 1× USB 5V/2A output
- ◆ Remaining time display

PB-S98A: Gold Mount  
Antonbauer charger compatible  
PB-S98S: V-mount  
SONY & RED power info



**PB-S146A/S**  
**146Wh**

- ◆ 200W, 16A constant load
- ◆ 2× D-tap output
- ◆ 1× USB 5V/2A output
- ◆ Remaining time display

PB-S146A: Gold Mount  
Antonbauer charger compatible  
PB-S146S: V-mount  
SONY & RED power info



**PB-S220A/S**  
**220Wh**

- ◆ 200W, 16A constant load
- ◆ 4× D-tap output
- ◆ 1× USB 5V/2A output
- ◆ 100W/6A ultra fast charging
- ◆ Remaining time display

PB-S220A: Gold Mount  
Antonbauer charger compatible  
PB-S220S: V-mount  
SONY & RED power info



**PB-S290A/S**  
**290Wh**

- ◆ 200W, 16A constant load
- ◆ 4× D-tap output
- ◆ 1× USB 5V/2A output
- ◆ 100W/6A ultra fast charging
- ◆ Remaining time display

PB-S290A: Gold Mount  
Antonbauer charger compatible  
PB-S290S: V-mount  
SONY & RED power info



## OLED Power info display

The OLED displays remaining power percentage, remaining working time, battery cycle times and abnormal protection info.



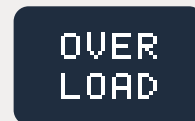
Display power percentage when the battery is free and display charging symbol during charging.



Display remaining running time when the battery is powering on camera or any devices. Press the power check button can switch to power percentage display.



Long press power check button for 5 seconds, it will display battery cycle times.



Display warning info "OVER LOAD", "OVER HEAT", "LOW TEMP" when the battery detected over charging, over load, short circuit, abnormal temperature, etc. Refer to User Manual to take steps.



# USB-C & Info Cine V-mount

## Introduction

The CIMO series cine class V-mount batteries featured 1.2m drop-off proof, 2x D-tap, 18W USB-A and 65W USB-C, for various camera-top devices and the OLED displays remaining run time, battery cycle times and life level for battery management.



**CIMO-98S**  
98Wh



**CIMO-160S**  
160Wh



**CIMO-200S**  
196Wh



**CIMO-290S**  
290Wh

- ◆ 150W, 12A constant load
- ◆ 2×D-tap in & out
- ◆ 1×USB-A 5V/9V 2A out
- ◆ 1×USB-C 45W in 65W out
- ◆ 4-LED power indicator
- ◆ Built-in LED torch
- ◆ Strong 1.2m drop off proof

- ◆ 200W, 16A constant load
- ◆ 100W/6A ultra fast charging
- ◆ 2×D-tap in & out
- ◆ 1×USB-A 5V/9V 2A out
- ◆ 1×USB-C 60W in 65W out
- ◆ OLED Remaining time display
- ◆ Built-in LED torch
- ◆ Strong 1.2m drop off proof

- ◆ 200W, 16A constant load
- ◆ 100W/6A ultra fast charging
- ◆ 2×D-tap in & out
- ◆ 1×USB-A 5V/9V 2A out
- ◆ 1×USB-C 60W in 65W out
- ◆ OLED Remaining time display
- ◆ Built-in LED torch
- ◆ Strong 1.2m drop off proof

- ◆ 250W, 20A constant load
- ◆ 100W/6A ultra fast charging
- ◆ 2×D-tap in & out
- ◆ 1×USB-A 5V/9V 2A out
- ◆ 1×USB-C 60W in 65W out
- ◆ OLED Remaining time display
- ◆ Built-in LED torch
- ◆ Strong 1.2m drop off proof

150 W  
High Load

2×  
D-tap

65 W  
USB-C

200 W  
High Load

100 W  
Fast Charge

2×  
D-tap

65 W  
USB-C

200 W  
High Load

100 W  
Fast Charge

2×  
D-tap

65 W  
USB-C

250 W  
High Load

100 W  
Fast Charge

2×  
D-tap

65 W  
USB-C

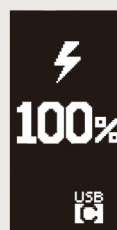
## OLED Power info display



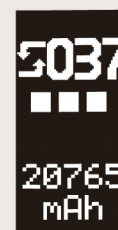
Display power percentage



Display remaining time when discharging



Display percentage when charging



Display cycle time and battery health level



# USB-C & Info Pocket V-mount



## ■ Introduction

The mini-size pocket V-mount camera battery with LED power info display and versatile DC interfaces including 65W USB-C and 8.4V DC barrel. The sleek design adds a touch of sophistication to your gear, making a statement on set or in any professional environment.



**OMNI-50S**  
50Wh



**OMNI-99S**  
99Wh

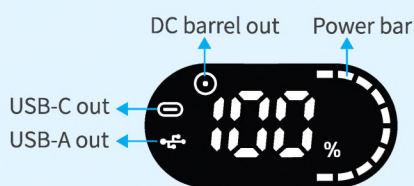
- ◆ Pocket fit tiny V-mount battery
- ◆ 100W, 8A constant load
- ◆ 1× 14.4V D-tap in & out
- ◆ 1× Reg. 8.4V/3A DC Barrel out
- ◆ 1× USB-A 5V/2A out
- ◆ 1× USB-C 30W in 65W out
- ◆ LED Remaining time display

14.4 v D-tap	8.4 v DC Barrel	5 v USB-A	65 w USB-C
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- ◆ Pocket fit tiny V-mount battery
- ◆ 150W, 12A constant load
- ◆ 1× 14.4V D-tap in & out
- ◆ 1× Reg. 8.4V/3A DC Barrel out
- ◆ 1× USB-A 5V/2A out
- ◆ 1× USB-C 48W in 65W out
- ◆ LED Remaining time display

14.4 v D-tap	8.4 v DC Barrel	5 v USB-A	65 w USB-C
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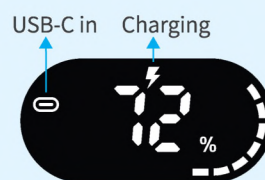
## ■ LED Power info display



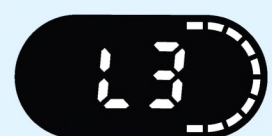
Display power percentage



Display remaining run time  
(touch or press the button)



Display charging percentage  
and progress bar is blinking



Display 3-Level  
Battery Health Status





# Pocket V-mount Battery

## Introduction

The MINO series pocket V-mount batteries have 50% more capacity than other mini batteries of the same size, last longer for cameras and handheld cine gears. Provide with multiple DC sockets including D-tap, USB-A and bi-directional USB-C of 65W high power output to power laptops, and also support charging by USB-C chargers.



### MINO-S70 70Wh

- ♦ Tiny V-mount battery, Pocket fit
- ♦ 100W, 8A constant load
- ♦ 1× D-tap output & charging input
- ♦ 1× USB-A 5V/2A output
- ♦ 1× USB-C 35W input & 65W output
- ♦ 4-step LED power indicator
- ♦ SONY & RED power info
- ♦ Wire-Free internal technic

5v 2A  
USB-A

65 w  
USB-C



### MINO-S140 140Wh

- ♦ Tiny V-mount battery, Pocket fit
- ♦ 150W, 12A constant high load
- ♦ 1× D-tap output & charging input
- ♦ 1× USB-A 5V/2A output
- ♦ 1× USB-C 48W input & 65W output
- ♦ 4-step LED power indicator
- ♦ SONY & RED power info
- ♦ Wire-Free internal technic

150 w  
High Load

5v 2A  
USB-A

65 w  
USB-C



### MINO-S210 210Wh

- ♦ Tiny V-mount battery, Pocket fit
- ♦ 200W, 16A constant high load
- ♦ 1× D-tap output & charging input
- ♦ 1× USB-A 5V/2A output
- ♦ 1× USB-C 48W input & 65W output
- ♦ 100W/6A ultra fast charging
- ♦ 4-step LED power indicator
- ♦ SONY & RED power info
- ♦ Wire-Free internal technic

200 w  
High Load

100 w  
Fast Charge

5v 2A  
USB-A

65 w  
USB-C

## USB-C 65W Output for Laptops

You can power laptop via USB-C by MINO series battery on the filmset. Supports 5V=3.25A, 9V=3.25A, 12V=3.25A, 15V=3.25A and Max 20V=3.25A; Multiple protocols includes BC1.2, PD2.0/3.0, QC2.0/3.0, FCP and SCP.



Compatible with Macbook Air/13, Macbook Pro 13/15/16, Huawei Matebook E/12/X13/XPRO, Thinkpad, HP, ASUS, Dell and almost all laptops with USB-C ports.

## USB-C Charging Input

The MINO series batteries can be charged by USB-C charger, supports PD 5V/9V/12V/15V/20V(Max)=1.75A~2.4A.

Model	Fully charge
MINO-S70	2.5 hours
MINO-S140	3.5 hours
MINO-S210	5 hours







## PB-M45S 45Wh

- ◆ Tiny V-mount battery, Pocket fit
- ◆ 150W, 12A constant high load
- ◆ 1× D-tap output & charging input
- ◆ 1× USB-A 5V/2A output
- ◆ 5-step LED power indicator
- ◆ SONY & RED power info
- ◆ Wire-Free internal technic

**150 W**  
High Load

**5v 2A**  
USB-A



## PB-M98S 98Wh

- ◆ Tiny V-mount battery, Pocket fit
- ◆ 150W, 12A constant high load
- ◆ 1× D-tap output & charging input
- ◆ 1× USB-A 5V/2A output
- ◆ 5-step LED power indicator
- ◆ SONY & RED power info
- ◆ Wire-Free internal technic

**150 W**  
High Load

**5v 2A**  
USB-A



## PB-M146S 146Wh

- ◆ Tiny V-mount battery, Pocket fit
- ◆ 150W, 12A constant high load
- ◆ 1× D-tap output & charging input
- ◆ 1× USB-A 5V/2A output
- ◆ 5-step LED power indicator
- ◆ SONY & RED power info
- ◆ Wire-Free internal technic

**150 W**  
High Load

**5v 2A**  
USB-A



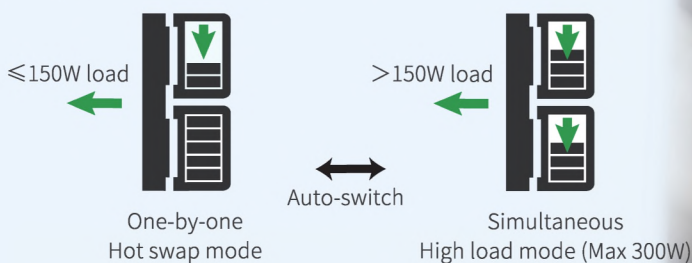
## KA-M20S

### Pocket V-mount Hotswap Plate

- ◆ Fit 2× PB-M or OMNI series Pocket V-mount Batteries
- ◆ Low power device: Hot swap mode
- ◆ High power device: High load mode
- ◆ Power indicators and hot swap indicators
- ◆ SONY & RED power info pass
- ◆ 2× D-tap power output
- ◆ Slim and light weight, balanced install

### ■ Hot Swap / High Load mode Auto-switching

If the power load is less than 150W, KA-M20S will be Hot-swap:  
use 2 batteries one-by-one, and change the standby battery at any time.  
If the Power load is over 150W, KA-M20S will be High load mode:  
use 2 batteries together, not allowed to change battery.  
The hot swap mode and high load mode are automatically switched  
according to current power load.







## Camera Battery

### ■ Classic Style



**150 W**  
High Load

**S-8082A/S 95Wh**



**150 W**  
High Load

**S-8110A/S 146Wh**



**200 W**  
High Load

**6A**  
Fast Charge

**S-8113A/S 160Wh**

- ◆ Constant high load output
- ◆ 6A fast charge ( $\geq 160\text{Wh}$ )
- ◆ D-tap power output socket
- ◆ 4-step LED power indicator
- ◆ Multiple circuit protections

A: Gold-mount  
S: V-mount



**200 W**  
High Load

**6A**  
Fast Charge

**S-8180A/S 220Wh**



**250 W**  
High Load

**6A**  
Fast Charge

**S-8183A/S+ 270Wh**

### ■ Separable IATA



**S-8192A/S 92+92Wh**

- ◆ Large capacity battery of separable design
- ◆ Divided into 2x 92Wh parts to board airplane
- ◆ At least 100W, 8A output
- ◆ D-tap DC output socket
- ◆ 4-level LED power indicator

S-8192A: Gold Mount  
S-8192S: V-mount

### ■ NP-1 style



D-tap  
**x2**

**S-8073N 73Wh**

- ◆ NP-1 style battery
- ◆ 2 × D-tap DC output sockets
- ◆ At least 66W, 5.5A power load
- ◆ 4-level LED power indicator
- ◆ Multiple circuit protections

## ■ Specifications:

Model	Battery type	Nominal voltage	Capacity	Constant Load	Dimension	Weight
BIVO-98	B-mount	14.4V/28.8V	98Wh (6.8Ah/3.4Ah)	150W	144×100×38mm	0.67kg
BIVO-160	B-mount	14.4V/28.8V	160Wh (11.1Ah/5.5Ah)	200W	144×100×54mm	1.1kg
BIVO-200	B-mount	14.4V/28.8V	196Wh (13.6Ah/6.8Ah)	200W	144×100×54mm	1.1kg
BIVO-290	B-mount	14.4V/28.8V	290Wh (20.1Ah/10.1Ah)	250W	144×100×70mm	1.52kg
HB-A290B	B-mount	28.8V	290Wh (10.1Ah)	250W	144×100×70mm	1.52kg
HB-C420S	V-mount	28.8V	420Wh (14.6Ah)	500W	155×101×80mm	2.07kg
PB-C420S	V-mount	14.4V	420Wh (29.4Ah)	250W	155×101×80mm	2.07kg
PB-C420A	Gold mount	14.4V	420Wh (29.4Ah)	250W	155×101×83mm	2.07kg
PB-H290S	V-mount	14.4V/28.8V	290Wh (20.1Ah/10.1Ah)	250W	162×101×69mm	1.58kg
PB-R160A	Gold mount	14.4V	160Wh (11.1Ah)	200W	162×101×59mm	1.08kg
PB-R160S+	V-mount	14.4V	160Wh (11.1Ah)	200W	162×101×53mm	1.08kg
PB-R220A	Gold mount	14.4V	220Wh (15.3Ah)	200W	162×101×75mm	1.51kg
PB-R220S+	V-mount	14.4V	220Wh (15.3Ah)	200W	162×101×69mm	1.51kg
PB-R290A	Gold mount	14.4V	290Wh (20.1Ah)	250W	162×101×75mm	1.51kg
PB-R290S+	V-mount	14.4V	290Wh (20.1Ah)	250W	162×101×69mm	1.51kg
PB-S98A	Gold mount	14.4V	98Wh (6.8Ah)	150W	121×95×62mm	0.8kg
PB-S98S	V-mount	14.4V	98Wh (6.8Ah)	150W	121×95×59mm	0.8kg
PB-S146A	Gold mount	14.4V	146Wh (10.1Ah)	200W	121×95×62mm	0.88kg
PB-S146S	V-mount	14.4V	146Wh (10.1Ah)	200W	121×95×59mm	0.88kg
PB-S220A	Gold mount	14.4V	220Wh (15.3Ah)	200W	121×95×99mm	1.44kg
PB-S220S	V-mount	14.4V	220Wh (15.3Ah)	200W	121×95×96mm	1.44kg
PB-S290A	Gold mount	14.4V	290Wh (20.1Ah)	200W	121×95×99mm	1.44kg
PB-S290S	V-mount	14.4V	290Wh (20.1Ah)	200W	121×95×96mm	1.44kg
CIMO-98S	V-mount	14.4V	98Wh (6.8Ah)	150W	144×100×35mm	0.64kg
CIMO-160S	V-mount	14.4V	160Wh (11.1Ah)	200W	144×100×51mm	1.08kg
CIMO-200S	V-mount	14.4V	196Wh (13.6Ah)	200W	144×100×51mm	1.08kg
CIMO-290S	V-mount	14.4V	290Wh (20.1Ah)	250W	144×100×67mm	1.51kg
OMNI-50S	V-mount	14.4V	50Wh (3.45Ah)	100W	102×73×33mm	0.33kg
OMNI-99S	V-mount	14.4V	99Wh (6.9Ah)	150W	102×73×52mm	0.55kg
MINO-S70	V-mount	14.4V	70Wh (4.9Ah)	100W	105×79×37mm	0.42kg
MINO-S140	V-mount	14.4V	140Wh (9.7Ah)	150W	105×79×55.5mm	0.71kg
MINO-S210	V-mount	14.4V	210Wh (14.6Ah)	200W	105×79×73.8mm	1.02kg
PB-M45S	V-mount	14.4V	45Wh (3.1Ah)	150W	100×74×34mm	0.31kg
PB-M98S	V-mount	14.4V	98Wh (6.8Ah)	150W	100×74×48mm	0.51kg
PB-M146S	V-mount	14.4V	146Wh (10.1Ah)	150W	100×74×63.7mm	0.72kg
S-8082A	Gold mount	14.4V	95Wh (6.6Ah)	150W	134×88×54mm	0.71kg
S-8082S	V-mount	14.4V	95Wh (6.6Ah)	150W	134×88×52mm	0.71kg
S-8110A	Gold mount	14.4V	146Wh (10.2Ah)	150W	165×90×53mm	0.94kg
S-8110S	V-mount	14.4V	146Wh (10.2Ah)	150W	165×90×51mm	0.94kg
S-8113A	Gold mount	14.4V	160Wh (11.1Ah)	200W	165×90×53mm	0.98kg
S-8113S	V-mount	14.4V	160Wh (11.1Ah)	200W	165×90×51mm	0.98kg
S-8180A	Gold mount	14.4V	220Wh (15.3Ah)	200W	165×90×68mm	1.28kg
S-8180S	V-mount	14.4V	220Wh (15.3Ah)	200W	165×90×66mm	1.28kg
S-8183A+	Gold mount	14.4V	270Wh (18.75Ah)	250W	165×90×68mm	1.37kg
S-8183S+	V-mount	14.4V	270Wh (18.75Ah)	250W	165×90×66mm	1.37kg
S-8192A	Gold mount	14.4V	92+92Wh (12.8Ah)	100W	168×101×65mm	1.27kg
S-8192S	V-mount	14.4V	92+92Wh (12.8Ah)	100W	168×101×60mm	1.27kg
S-8073N	NP-1	14.4V	73Wh (5.1Ah)	66W	185×72×25mm	0.45kg



## Hot Swap Plate



# Keep Camera On When Changing Battery



15mm clamp included

## KA-S30S

### V-mount to V-mount Hot Swap Plate

- ◆ 14.4V 43Wh battery cells inside
- ◆ 200W constant load, at least 2min run time
- ◆ 120 seconds countdown display
- ◆ D-tapx2, 2-pin LEMO, USB-A output
- ◆ 12-16.8V 8-pin LEMO input for power station hotswap
- ◆ SONY & RED power info display
- ◆ Aluminum CNC unibody housing
- ◆ Provide 15mm rod clamp to install on rig



ARRI K2.0023406 fit  
(Not included)

15mm clamp included

## KA-R30S

### ARRI ALEXA MINI/MINI LF V-mount Hot Swap Plate

- ◆ 14.4V 43Wh battery cells inside
- ◆ 8-pin LEMO output for ALEXA MINI/MINI LF
- ◆ 200W constant load, at least 2min run time
- ◆ 120 seconds countdown display
- ◆ D-tapx2, 2-pin LEMO, USB-A output
- ◆ 12-16.8V 8-pin LEMO input for power station hotswap
- ◆ Aluminum CNC unibody housing
- ◆ ARRI support system RAB-1 Clamp 2 (K2.0023406) fit
- ◆ Provide 15mm rod clamp to install on rig



ARRI K2.0023406 fit  
Not included

15mm clamp included

## KA-R31S

### ARRI ALEXA MINI/MINI LF V-mount Hot Swap Plate with SDI Isolater

- ◆ 14.4V 43Wh battery cells inside
- ◆ 8-pin LEMO output for ALEXA MINI/MINI LF
- ◆ 200W constant load, at least 2min run time
- ◆ 120 seconds countdown display
- ◆ 3GSDI 1-in 2-out with SDI isolater
- ◆ D-tapx2, 2-pin LEMO, USB-A output
- ◆ 12-16.8V 8-pin LEMO input for power station hotswap
- ◆ Aluminum CNC unibody housing
- ◆ ARRI support system RAB-1 Clamp 2 (K2.0023406) fit
- ◆ Provide 15mm rod clamp to install on rig



## S-7005A Gold Mount to V-mount Plate

- ♦ Attach Gold mount batteries
- ♦ To power V-mount devices
- ♦ 1×D-tap power output



## S-7005S V-mount to Gold Mount Plate

- ♦ Attach V-mount batteries
- ♦ To power Gold mount devices
- ♦ 1×D-tap power output



## S-7200A/S Battery Plate with Clamp

- ♦ 25-45mm diameter light stand fix
- ♦ 1×D-tap power output

S-7200A: Gold Mount  
S-7200S: V-Mount



## KA-B21S V-mount to B-mount Plate

- ♦ Attach V-mount batteries
- ♦ To power B-mount devices
- ♦ B-mount outputs V-battery voltage
- ♦ Support SWIT PB-H Bi-voltage battery



## KA-S20B B-mount to V-mount 14.4V Plate

- ♦ Attach B-mount batteries
- ♦ To power V-mount devices
- ♦ In & out: 10.8-16.8V

[BIVO  
ONLY]



## KA-S21B B-mount to V-mount 28.8V Plate

- ♦ Attach B-mount batteries
- ♦ To power V-mount devices
- ♦ In & out: 21.6-33.6V
- ♦ RED V-Raptor XL supports

**RED**  
V-RAPTOR XL  
28.8V Power Solution



## S-7101 D-tap to 4-pin XLR DC Cable

- ♦ Connect D-tap power source
- ♦ 4-pin XLR DC out
- ♦ 2 meters cable length



## S-7104 D-tap to Barrel DC Cable

- ♦ Connect D-tap power source
- ♦ 5.5/2.1mm DC barrel out
- ♦ 1 meter cable length



## S-7108 Barrel to Barrel DC Cable

- ♦ Connect DC barrel power source
- ♦ 5.5/2.1mm DC barrel out
- ♦ 1 meter cable length



SONY



45W  
USB-C

D-tap  
DC out

### LB-SU90C 90Wh

- ◆ SONY BP-U series compatible battery
- ◆ For PXW-Z280, X280, FS5, FS7, FX6, FX9 etc
- ◆ Display remaining power in viewfinder
- ◆ D-tap socket output & charging input
- ◆ USB-C 45W input & 45W output
- ◆ 4-level LED power indicator



5V/2A  
USB-A

D-tap  
DC out

### LB-SU98 98Wh

- ◆ SONY BP-U series compatible battery
- ◆ For PXW-Z280, X280, FS5, FS7, FX6, FX9 etc
- ◆ Display remaining power in viewfinder
- ◆ D-tap socket output & charging input
- ◆ USB-A 5V/2A output
- ◆ 4-level LED power indicator



5V/2A  
USB-A

D-tap  
DC out

### LB-SU75 75Wh



25W  
USB-C

12V  
D-tap

### LB-SF65C 65Wh

- ◆ SONY NP-F compatible
- ◆ D-tap 12V(Reg.) 20W output
- ◆ USB-C 25W input & output
- ◆ 4-level LED power indicator



Barrel  
DC out

### S-8975 75Wh

- ◆ SONY NP-F compatible
- ◆ Display remaining power in viewfinder
- ◆ 7.2V DC barrel output socket
- ◆ 4-level LED power indicator



Barrel  
DC out

### S-8972 47Wh



### S-8970 47Wh

- ◆ SONY NP-F compatible
- ◆ Display remaining power in viewfinder



### S-8770 31Wh

Panasonic



25W  
USB-C

12V  
D-tap

### LB-PD65C 65Wh

- ◆ Panasonic VBD/VBR compatible
- ◆ D-tap 12V(Reg.) 20W output
- ◆ USB-C 25W input & output
- ◆ 4-level LED power indicator



5V/1A  
USB-A

Barrel  
DC out

### S-8D98 70Wh

- ◆ Panasonic VBD/VBR compatible
- ◆ 7.2V DC barrel output socket
- ◆ USB-A 5V/1A output
- ◆ 4-level LED power indicator



5V/1A  
USB-A

Barrel  
DC out

### S-8D58 43Wh



Barrel  
DC out

### S-8D62 47Wh

- ◆ Panasonic CGA compatible
- ◆ 7.2V DC barrel output socket
- ◆ 4-level LED power indicator

Canon



45W  
USB-C

D-tap  
DC out

## LB-CA90C 90Wh

- ♦ Canon BP-A series compatible
- ♦ For C300M2, C200, C500M2, XF605/705
- ♦ D-tap socket output & charging input
- ♦ USB-C 45W input & 45W output
- ♦ 4-level LED power indicator



Barrel  
DC out

## S-8845 47Wh

- ♦ Canon BP-9 series compatible
- ♦ Compatible with RED KOMODO
- ♦ 7.2V DC barrel output socket
- ♦ 4-level LED power indicator



## S-8PE6 10Wh

- ♦ Canon LP-E6 compatible
- ♦ Display power info in DSLR

JVC



5V/1A  
USB-A

Barrel  
DC out

## S-8i50 47Wh

- ♦ SSL-JVC50 battery compatible
- ♦ Display remaining power in viewfinder
- ♦ 7.2V DC barrel output socket
- ♦ 5V/1A USB-A type power output
- ♦ 4-level LED power indicator



Barrel  
DC out

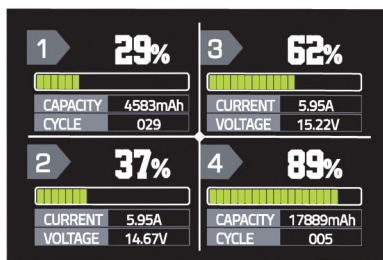
## S-8823 18Wh

- ♦ JVC BN-VF823 battery compatible
- ♦ Display remaining power in viewfinder
- ♦ 7.2V DC barrel output socket
- ♦ 4-level LED power indicator

### Specifications:

Model	Compatible camera	Comparable battery	Voltage	Capacity	Load	DC/USB	Dimension	Weight
LB-SU90C	SONY PXW-FS5 / FS7 / FX6 / FX9	SONY BP-U30/U60	14.4V	90Wh / 6.2Ah	70W, 6A	D-tap, USB-C 45W	70×42×96mm	0.462kg
LB-SU98	SONY PXW-Z280 / X280			98Wh / 6.8Ah	70W, 6A	D-tap, USB-A	70×42×96mm	0.464kg
LB-SU75				75Wh / 5.2Ah	50W, 4A	D-tap, USB-A	70×42×96mm	0.43kg
LB-SF65C	Gears with SONY NP-F plates	SONY NP-F970/770	7.2V	65Wh / 9Ah	30W, 4A	D-tap, USB-C 25W	71×39×76mm	0.345kg
S-8975				75Wh / 10.4Ah	30W, 4A	DC barrel	71×39×70mm	0.33kg
S-8972	SONY PXW-Z150, HXR-NX5, NEX-FS100			47Wh / 6.6Ah	30W, 4A	DC barrel	71×39×70mm	0.33kg
S-8970	SONY HVR-V1/Z1/Z7, HVR-HD1000E			47Wh / 6.6Ah	30W, 4A	—	71×39×60mm	0.28kg
S-8770	SONY DSR-PD170/175/190			31Wh / 4.4Ah	30W, 4A	—	71×39×40mm	0.19kg
LB-PD65C	Panasonic HC-X20, AU-EVA1, AG-DVX200	Panasonic VW-VBD58 Panasonic AG-VBR59/89	7.2V	65Wh / 9Ah	30W, 4A	D-tap, USB-C 25W	41×70×83mm	0.356kg
S-8D98	Panasonic AJ-PX270/UPX360, AG-CX350			70Wh / 9.8Ah	30W, 4A	DC barrel, USB-A	41×70×83mm	0.337kg
S-8D58	Panasonic AG-UX90 / 180, AG-AC30			43Wh / 6Ah	30W, 4A	DC barrel, USB-A	41×70×64mm	0.235kg
S-8D62	Panasonic AG-DVX100, AG-HVX200 Panasonic DVC180A, AG-HPX170	Panasonic CGA-D54S	7.2V	47Wh / 6.6Ah	30W, 4A	DC barrel	66×37×82mm	0.3kg
LB-CA90C	Canon EOS-C200/C300M2/C500M2 Canon XF605, XF705	Canon BP-A30/A60	14.4V	90Wh / 6.2Ah	50W, 4A	D-tap, USB-C 45W	70×42×96mm	0.46kg
S-8845	Canon EOS-C100/C100M2/C300/C500 Canon XF100/105, RED KOMODO	Canon BP-955	7.2V	47Wh / 6.6Ah	30W, 4A	DC barrel	71×38×70mm	0.3kg
S-8PE6	Canon EOS 5D2/3/4, 6D/2, 7D/2	Canon LP-E6	7.2V	10Wh / 1.5Ah	25W, 3.5A	—	57×39×22mm	0.072kg
S-8i50	JVC GY-HM600/650, GY-LS300	SSL-JVC50	7.2V	47Wh / 6.6Ah	40W, 5.5A	DC barrel, USB-A	76×70×43mm	0.313kg
S-8823	JVC GY-HM100/101	JVC BN-VF823	7.2V	18Wh / 2.5Ah	15W, 2A	DC barrel	53×32×72mm	0.13kg





Charging Info Display

Power percentage, Charging current, Voltage, Capacity, Cycle times, etc.

## PC-P461A/S

### 4 × 100W 16.8V & 33.6V Ultra Fast Charger

- ◆ 4-ch simultaneous charging
- ◆ Charge both 14.4V and 28.8V batteries
- ◆ DC33.6V 100W charging SWIT 28.8V batteries
- ◆ DC16.8V 100W charging SWIT 14.4V and ≥160Wh batteries
- ◆ DC16.8V 50W charging for all other 14.4V batteries
- ◆ 3.5-inch color LCD info display
- ◆ Top large charging indicators

PC-P461A: for Gold Mount batteries

PC-P461S: for V-Mount batteries

Power	Max 450W
Input	AC 100V-240V, 50/60Hz
Charging output	DC33.6V, 100W×4 (SWIT 28.8V batteries)
	DC16.8V, 100W×4 (SWIT 14.4V & ≥160Wh batteries)
	DC16.8V, 50W×4 (Other 14.4V batteries)
Dimension	330×153×162mm
Weight	2.43kg



## MATRIX-A8/S8

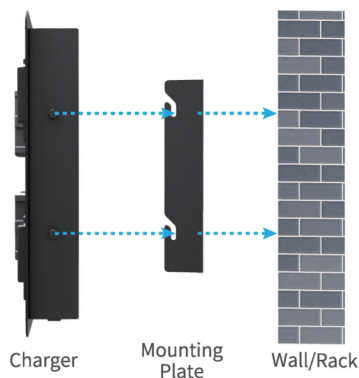
### 8 × 100W 16.8V & 33.6V Ultra Fast Wall Charger

- ◆ 8-ch simultaneous charging
- ◆ Charge both 14.4V and 28.8V batteries
- ◆ DC33.6V 100W charging SWIT 28.8V batteries
- ◆ DC16.8V 100W charging SWIT 14.4V and ≥160Wh batteries
- ◆ DC16.8V 50W charging for all other 14.4V batteries
- ◆ 2×3.5-inch color LCD info display
- ◆ LED charging indicators for each channel
- ◆ Wall mounting or 19-inch rack install



MATRIX-A8: for Gold Mount batteries

MATRIX-S8: for V-Mount batteries



Power	Max 900W
Input	AC 100V-240V, 50/60Hz
Charging output	DC33.6V, 100W×8 (SWIT 28.8V batteries)
	DC16.8V, 100W×8 (SWIT 14.4V & ≥160Wh batteries)
	DC16.8V, 50W×8 (Other 14.4V batteries)
Dimension	629.4×435.4×68.7mm
Weight	13kg



## S-3812A/S

### 2×100W Simultaneous Ultra Fast Charger

- ♦ 2-ch simultaneous charging
- ♦ Auto recognize battery and assign charging current
- ♦ DC16.8V 100W/6A fast charging for SWIT ≥160Wh batteries
- ♦ DC16.8V 50W/3A charging for other batteries
- ♦ AC to 4-pin XLR 200W/12A adapting output
- ♦ Battery to 4-pin XLR 200W/12A adapting output
- ♦ LCD display Charging/Adapting info display

S-3812A: for Gold Mount batteries

S-3812S: for V-Mount batteries



## PC-P430A/S

### 4×50W Simultaneous Fast Charger

- ♦ DC16.8V, 50W×4 simultaneous fast charging
- ♦ 2-ch 4-pin XLR DC15V, 6A×2 simultaneous output
- ♦ LED charging indicators

PC-P430A: for Gold Mount batteries

PC-P430S: for V-Mount batteries



## S-3822A/S

### 2×50W Simultaneous Fast Charger

- ♦ DC16.8V, 50W×2 simultaneous fast charging
- ♦ 1-ch 4-pin XLR DC 15V, 6A output
- ♦ LED charging indicators

S-3822A: for Gold Mount batteries

S-3822S: for V-Mount batteries



## SC-302A/S

### 2×33W Simultaneous Charger

- ♦ DC 16.8V, 33W×2 simultaneous charging
- ♦ LED charging indicators

SC-302A: for Gold Mount batteries

SC-302S: for V-Mount batteries





## DV Charger

### LC-D421

#### 4-ch Simultaneous Multi-type DV Charger

- ◆ 4-ch simultaneous charging
- ◆ 2A fast charging current per channel
- ◆ Snap-on exchangeable DV battery plates
- ◆ Mixed installation of different DV plates

Input	Charging output	Dimension	Weight
AC 100V-240V, 50/60Hz	16.8V/2A×3 or 1.5A×4; 8.4V/1A×4 or 2A×4	220×125×69.3mm	0.706kg



**KA-C10**  
U/F/D/i/V/C/E  
types option

#### Optional exchangeable plates

Plate Model	Compatible Batteries
KA-C10U	SWIT LB-SU90C/SU75/SU98, SONY BP-U30/60
KA-C10F	SWIT LB-SF65C/S-8975/8972/8970/8770, SONY NP-F970/770
KA-C10D	SWIT LB-PD65C/S-8D98/8D58/8D62, Panasonic VBR59/VBD58/D54
KA-C10i	SWIT S-8i50, SSL-JVC75/JVC50
KA-C10V	SWIT S-8823, JVC BN-VF823
KA-C10C	SWIT S-8845, Canon BP-945/955/970G
KA-C10E	SWIT S-8PE6, Canon LP-E6

### S-3602U/F/D/C/ i / V

#### 2-ch Simultaneous DV Charger/Adaptor

- ◆ 2-channel simultaneous charging
- ◆ 2A×2 charging and 1× 12.7V/3.5A adapting out (S-3602U)
- ◆ 1.8A×2 charging and 2× 8.4V/3.5A adapting out (S-3602F/C/ i /V)
- ◆ 1.2A×2 charging and 2× 8.4V/2.2A adapting out (S-3602D)

**S-3602U:** for LB-SU90C/SU75/SU98, SONY BP-U60/U30

**S-3602F:** for LB-SF65C/S-8975/S-8972/S-8970/S-8770, SONY NP-F970/770

**S-3602D:** for LB-PD65C/S-8D98/S-8D58/S-8D62, Panasonic VBD58/VBR59/D54

**S-3602C:** for S-8845, Canon BP-945/955/970G

**S-3602i:** for S-8i50, SSL-JVC50/75

**S-3602V:** for S-8823, JVC BN-VF823



### UC-2120

#### 120W USB-C & A GaN Charger

- ◆ Mini size GaN tech
- ◆ 2× USB-C and 2× USB-A simultaneous charging
- ◆ Max 120W power output
- ◆ Single USB-C out: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A; (100W)
- ◆ Dual USB-C out: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A; (60W×2)
- ◆ Charge camera batteries with USB-C ports
- ◆ Charge Laptops, Tablets and Smart devices
- ◆ Provide 2× USB-C to C cables



**UC-2120E:** EU power plug

**UC-2120U:** UK power plug

## PC-U130A/S/B/B2 50W Ultra Portable Fast Charger

- ♦ Ultra portable single channel charger
- ♦ 16.8V, 50W/ 3A fast charging
- ♦ Directly connect to the pins of battery

**PC-U130A:** Charge via Gold mount pins

**PC-U130S:** Charge via V-mount pins

**PC-U130B:** Charge via D-tap socket

**PC-U130B2:** Dual D-tap heads



Input	Output	Dimension	Weight
AC 100V-240V, 50/60Hz	DC 14V-16.8V, 3A	110×50×32mm	0.26kg

### ■ Charging time chart of SWIT batteries & chargers (for reference)

Charger	CH	OMNI-50S 50Wh	OMNI-99S 99Wh	MINO-S70 70Wh	MINO-S140 140Wh	MINO-S210 210Wh	PB-M45S 45Wh	PB-M98S PB-S98A/S CIMO-98S 98Wh	PB-M146S PB-S146A/S S-8110A/S 146Wh	CIMO-160S PB-R160A/S+ S-8113A/S 160Wh	PB-R220A/S+ PB-S220A/S S-8180A/S 220Wh	PB-R290A/S+ PB-S290A/S PB-H290S 290Wh
PC-P461A/S	100W×4	1h 30m	2h 45m	2h	3h 30m	3h	1h 30m	2h 45m	3h 45m	2h 15m	3h 20m	3h 50m
MATRIX-A8/S8	100W×8	1h 30m	2h 45m	2h	3h 30m	3h	1h 30m	2h 45m	3h 45m	2h 15m	3h 20m	3h 50m
S-3812A/S	100W×2	1h 30m	2h 45m	2h	3h 30m	3h	1h 30m	2h 45m	3h 45m	2h 15m	3h 20m	3h 50m
PC-P430A/S	50W×4	1h 30m	2h 45m	2h	3h 30m	5h 15m	1h 30m	2h 45m	3h 45m	4h	5h 45m	7h 15m
S-3822A/S	50W×2	1h 30m	2h 45m	2h	3h 30m	5h 15m	1h 30m	2h 45m	3h 45m	4h	5h 45m	7h 15m
SC-302A/S	33W×2	2h	3h 45m	2h 45m	5h 10m	8h	2h	3h 45m	5h 30m	6h	8h 15m	10h 30m
UC-2120 (Type-C)	60W×2	2h 30m	2h 45m	2h 30m	3h 30m	5h	—	(CIMO) 2h30m	—	(CIMO) 4h	—	—
PC-U130A/S/B/B2	50W	1h 30m	2h 45m	2h	3h 30m	5h 15m	1h 30m	2h 45m	3h 45m	4h 15m	5h 45m	7h 15m

Charger	CH	BIVO-98 98Wh	BIVO-160 160Wh	BIVO-200 196Wh	BIVO-290 HB-A290B 290Wh	HB-C420S 420Wh	PB-C420A/S 420Wh	CIMO-200S 196Wh	CIMO-290S 290Wh	S-8082A/S 95Wh	S-8183A/S+ 270Wh	S-8192A/S 92+92Wh
PC-P461B	100W×4	2h 45m	2h 30m	2h 45m	3h 50m	—	—	—	—	—	—	—
MATRIX-B8	100W×8	2h 45m	2h 30m	2h 45m	3h 50m	—	—	—	—	—	—	—
S-3822B	50W×2	2h 45m	4h	5h	(BIVO) 7h 15m	—	—	—	—	—	—	—
PC-P461A/S	100W×4	—	—	—	—	5h 20m	5h 20m	2h 50m	3h 50m	2h 45m	4h	4h 50m
MATRIX-A8/S8	100W×8	—	—	—	—	5h 20m	5h 20m	2h 50m	3h 50m	2h 45m	4h	4h 50m
S-3812A/S	100W×2	—	—	—	—	—	5h 20m	2h 50m	3h 50m	2h 45m	4h	4h 50m
PC-P430A/S	50W×4	—	—	—	—	—	10h 10m	5h	7h 15m	2h 45m	7h	4h 50m
S-3822A/S	50W×2	—	—	—	—	—	10h 10m	5h	7h 15m	2h 45m	7h	4h 50m
SC-302A/S	33W×2	—	—	—	—	—	15h	7h 10m	10h 30m	3h 45m	10h	7h
UC-2120 (Type-C)	60W×2	—	—	—	(HB-A) 5h30m	—	—	4h 30m	6h 40m	—	—	—
PC-U130A/S/B/B2	50W	2h 45m	4h	5h	(BIVO) 7h 15m	—	10h 10m	5h	7h 15m	2h 45m	7h	4h 50m

Charger	CH	LB-SU90C 90Wh	LB-SU75 75Wh	LB-SU98 98Wh	LB-SF65C 65Wh	S-8975 75Wh	S-8972 47Wh	S-8970 47Wh	S-8770 31Wh	S-8073N 73Wh
LC-D421	2A×4	3h 30m	3h	3h 45m	5h 10m	5h 30m	3h 45m	3h 45m	2h 45m	—
S-3602U	2A×2	3h 45m	3h	4h	—	—	—	—	—	—
S-3602F	1.8A×2	—	—	—	5h 10m	5h 30m	3h 45m	3h 45m	2h 45m	—
UC-2120 (Type-C)	60W×2	3h	—	—	3h 30m	—	—	—	—	—
PC-U130B/B2	50W	2h 40m	2h 15m	2h 45m	—	—	—	—	—	2h 15m

Charger	CH	LB-PD65C 65Wh	S-8D98 70Wh	S-8D58 43Wh	S-8D62 47Wh	S-8i50 47Wh	S-8823 18Wh	LB-CA90C 90Wh	S-8845 47Wh	S-8PE6 10Wh
LC-D421	2A×4	5h 10m	5h 25m	3h 25m	3h 45m	3h 45m	1h 45m	—	3h 45m	1h 10m
S-3602C/V/ i	1.8A×2	—	—	—	—	3h 45m	1h 45m	—	3h 45m	—
S-3602D	1.2A×2	8h 15m	8h 40m	5h 20m	5h 50m	—	—	—	—	—
UC-2120 (Type-C)	60W×2	3h 30m	—	—	—	—	—	3h	—	—
PC-U130B/B2	50W	—	—	—	—	—	—	2h 40m	—	—





## S-2060

### 30W Bi-color COB On-camera LED Light

- ◆ COB LED Single shadow, soft, glareless
- ◆ CRI Ra 96, TLCI 99
- ◆ 30W, 1500Lux @ 1 meter, dimmable
- ◆ Fresnel lens, raise to 5000Lux@1m
- ◆ 2800K-6000K continuously adjustable
- ◆ 6-17V DC cable input
- ◆ Glass Fiber strong and durable housing
- ◆ Screw and cold shoe mount



## S-2041

### 23W COB On-camera LED Light

- ◆ COB LED Single shadow, soft, glareless
- ◆ 23W, 1800Lux @ 1 meter, dimmable
- ◆ 5000K color temperature, with 5600K&3200K filters
- ◆ 6-17V DC cable input
- ◆ S-7004 series interchangeable multi-type DV plates
- ◆ Screw and cold shoe mount



## S-2070

### 13W COB On-camera LED Light

- ◆ COB LED Single shadow, soft, glareless
- ◆ Compact size for DV camcorders
- ◆ 13W, 1100Lux @ 1 meter, dimmable
- ◆ 5000K color temperature, with 5600K&3200K filters
- ◆ 6-17V DC cable input
- ◆ S-7004 series interchangeable multi-type DV plates
- ◆ Glass Fiber strong and durable housing
- ◆ Screw and cold shoe mount



## S-2241

### 20W Bi-color SMD On-camera LED Light

- ◆ 153pcs ultra bright Surface mounted LEDs
- ◆ 20W power, 640Lux @ 1 meter center
- ◆ 3200K-5600K continuously adjustable
- ◆ 10%-100% flick-free dimming
- ◆ CRI Ra 93, TLCI 97
- ◆ Magnetic diffuser with organic light diffusion agent
- ◆ 6-17V DC cable input
- ◆ Interchangeable S-7004 series various DV plates

## IP54 Rainproof

- ✓ Light head
- ✓ Light controller
- ✓ V-mount batteries

### SL-100P

#### 100W Bi-color IP54 Flexible LED Light



- ◆ 560pcs SMD LEDs 600x470mm foldable light head
- ◆ IP54 waterproof for light head & controller
- ◆ 100W power 2800Lux @ 1 meter
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% index curve flick-free dimming
- ◆ CRI Ra 97, TLCI 97
- ◆ DMX512 5pin XLR in and out
- ◆ DC 11-36V input and V-mount battery power



X bracket  
(Standard accessory)



Ball Diffuser  
(Optional, #LA-DS100)



Eggcrate Diffuser  
(Optional, #LA-BS100)

### SL-150P

#### 150W Bi-color IP54 Flexible LED Light



- ◆ 840pcs SMD LEDs 600x690mm foldable light head
- ◆ 150W power 3700Lux @ 1 meter
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% index curve flick-free dimming
- ◆ CRI Ra 97, TLCI 97
- ◆ IP54 waterproof for light head & controller
- ◆ DMX512 5pin XLR in and out
- ◆ DC 11-36V input and V-mount battery power



X bracket  
(Standard accessory)



Ball Diffuser  
(Optional, #LA-DS150)



Eggcrate Diffuser  
(Optional, #LA-BS150)





## Panel Light



### CL-40D 40W Ultra Portable Bi-color Panel LED Light

- ◆ 288pcs ultra bright long-life SMD LEDs
- ◆ 20 × 20cm ultra portable size
- ◆ 40W 2700K LED + 40W 6500K LED
- ◆ 2700K-6500K continuously adjustable
- ◆ Constant 40W output at any color temp
- ◆ 4600Lux @ 0.5 meters with diffuser
- ◆ 480FPS slow-motion capture flick-free
- ◆ Fanless, absolutely silent
- ◆ LCD display color temp and dimmer
- ◆ CRI Ra 98, TLCI 99, SSI(D55) 75
- ◆ USB-C and DC barrel 15V power input
- ◆ On-board V-mount battery plate
- ◆ Provide 2-light interview kit

#### ■ Package Option:



Single light package



2-Light Interview Kit with carrying bag and light stands



## CL-60D

### 60W Bi-color SMD Panel LED Light

- ◆ 900pcs ultra bright long-life LEDs
- ◆ Surface mounted LED technology
- ◆ Half-peak 65° wide beam angle
- ◆ 2700K-6500K continuously adjustable
- ◆ 60W power, 2000Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ CRI Ra 98, TLCI 99
- ◆ DMX512 controlled color and dimmer
- ◆ LCD display color and dimmer value
- ◆ Power by V-mount battery or AC-DC adaptor
- ◆ 4-leaf metal barn doors and Yoke bracket
- ◆ Optional 40° honeycomb (LA-G60)



## CL-120D

### 120W Bi-color SMD Panel LED Light

- ◆ 1800pcs ultra bright long-life LEDs
- ◆ Surface mounted LED technology
- ◆ Half-peak 65° wide beam angle
- ◆ 2700K-6500K continuously adjustable
- ◆ 120W power, 3700Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ CRI Ra 98, TLCI 99
- ◆ DMX512 controlled color and dimmer
- ◆ LCD display color and dimmer value
- ◆ Power by V-mount battery or AC-DC adaptor
- ◆ 4-leaf metal barn doors and Yoke bracket
- ◆ Optional 45° honeycomb (LA-G120)

#### ■ Specifications:

Model	CL-40D	CL-60D	CL-120D
LED	288pcs SMD LEDs	900pcs SMD LEDs	1800pcs SMD LEDs
Luminance	4600Lux @ 0.5m	2000Lux @ 1m	3700Lux @ 1m
Beam angle	120° (64° half peak)	120° (65° half peak)	120° (65° half peak)
Color temperature	2700K-6500K	2700K-6500K	2700K-6500K
Color Rendering	CRI 98; TLCI 99; SSI(D55) 75	CRI 98; TLCI 99	CRI 98; TLCI 99
DMX	—	5-pin XLR DMX in&out	5-pin XLR DMX in&out
Power	40W	60W	120W
Input voltage	V-mount Battery 11-16.8V USB-C PD15V 5.5/2.1mm barrel DC 15V	V-mount Battery 11-16.8V 4-pin XLR DC 11-17V	V-mount Battery 11-16.8V 4-pin XLR DC 11-17V
Lighting area	172×172 mm	310×310 mm	600×310mm
Dimension	204×204×42 mm	354×354×73.5 mm	644×354×73.5mm
Weight	0.82kg	3.2kg	4.7kg





## Panel Light

# MONET

## RGBWW Soft Light Panel



**Ultimate  
Soft Light**

Studio / XR / Film  
Applications

**CTDM  
Drive**

Ultra High RGB  
Brightness

**CRMX  
Art-Net**

Built-in CRMX Rx  
& Art-Net Support

**IP54  
Rated**

All-Weather  
Environment Usage



## MONET-400 400W RGBWW Pro Panel LED Light

- ◆ 1×1' size, 400W RGBWW, 10100Lux @ 1meter
- ◆ IP54 certificated Rainproof
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 98, SSI(D55)74
- ◆ Built-in CRMX Receiver and Artnet
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ 3.5-inch color LCD visualized color pick
- ◆ IOS/Android APP control
- ◆ PowerCON TRUE1 AC in and loop
- ◆ 3-pin XLR DC 48V power input



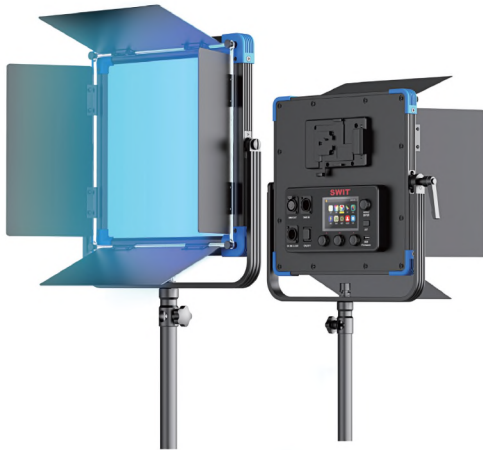
## MONET-700 700W RGBWW Pro Panel LED Light

- ◆ 2×1' size, 700W RGBWW, 19750Lux @ 1meter
- ◆ IP54 certificated Rainproof
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 98, SSI(D55)74
- ◆ Built-in CRMX Receiver and Artnet
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ 3.5-inch color LCD visualized color pick
- ◆ IOS/Android APP control
- ◆ PowerCON TRUE1 AC in and loop
- ◆ 3-pin XLR DC 48V power input

### Specifications:

Model	MONET-400	MONET-700
LED	392pcs RGB + 392pcs W + 392pcs W	784pcs RGB + 784pcs W + 784pcs W
Luminance	10100Lux @ 1m	19750Lux @ 1m
Beam angle	120° (63° half peak)	120° (62° half peak)
Color temperature	2800K-10000K	2800K-10000K
Color rendering	CRI 96; TLCI 98; SSI(D55) 74 CQS 96, TM-30 RF 95 RG 104	CRI 96; TLCI 98; SSI(D55) 74 CQS 96, TM-30 RF 95 RG 104
Control	5-pin XLR DMX512 in&out Built-in CRMX Rx, Art-Net, Bluteeth APP	5-pin XLR DMX512 in&out Built-in CRMX Rx, Art-Net, Bluteeth APP
Power	400W	700W
Input voltage	AC100V-240V PowerCON True1 in&out 3-pin XLR DC 48V in	AC100V-240V PowerCON True1 in&out 3-pin XLR DC 48V in
Lighting area	300×316 mm	584.6×316 mm
Dimension	337×344×170mm	615×344×170mm
Weight	7.8kg	15.2kg





## VANGO-70

### 70W Ultra Slim RGBW Panel LED Light

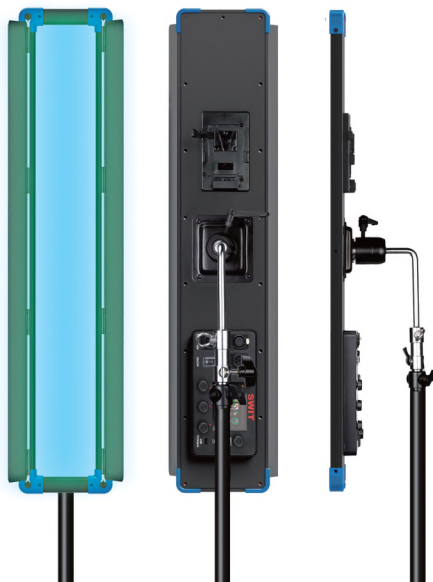
- ◆ Edge mounted LEDs, 21mm ultra slim
- ◆ 1×1' size, 70W power, 1500Lux @ 1meter
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 93
- ◆ 3.5-inch color LCD visualized color pick
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ IOS/Android APP control
- ◆ V/Gold mount battery and 4-pin XLR DC IN
- ◆ With barn door kit and optional honeycomb



## VANGO-100

### 100W Ultra Slim RGBW Panel LED Light

- ◆ Edge mounted LEDs, 21mm ultra slim
- ◆ 2×1' size, 100W power, 2200Lux @ 1meter
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 93
- ◆ 3.5-inch color LCD visualized color pick
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ IOS/Android APP control
- ◆ V/Gold mount battery and 4-pin XLR DC IN
- ◆ With barn door kit and optional honeycomb



## VANGO-100L

### 100W Ultra Slim Long Ratio RGBW Panel

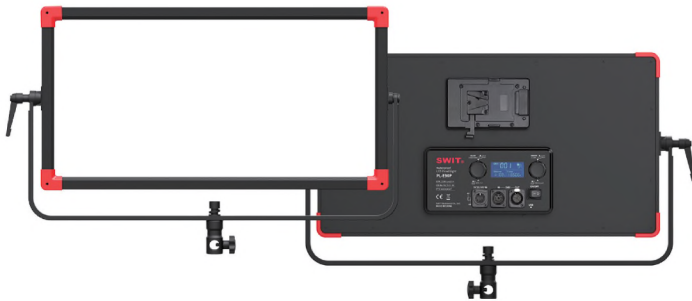
- ◆ 0.5×3' long ratio slim panel light
- ◆ Edge mounted LEDs, 21mm ultra slim
- ◆ 100W power, 1800Lux @ 1meter
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 93
- ◆ 3.5-inch color LCD visualized color pick
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ IOS/Android APP control
- ◆ V/Gold mount battery and 4-pin XLR DC IN
- ◆ With barn door kit and ball head light stand mount



## PL-E60D

### 60W Bi-color Soft Panel LED Light

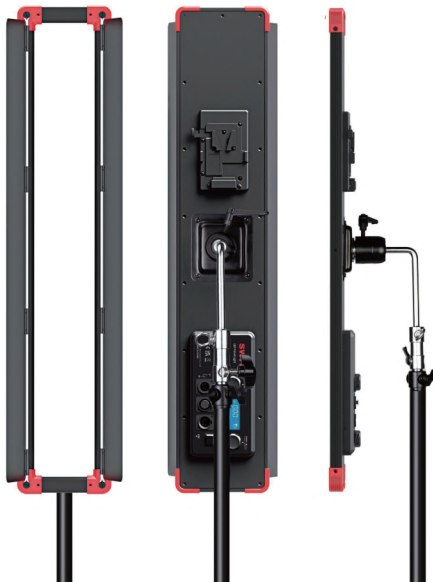
- ◆ 320pcs edge mounted SMD-LEDs
- ◆ Unique 90° light guide ultra soft tech
- ◆ 1×1' size, 60W power, 1500Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ 2700K-6500K continuously adjust
- ◆ CRI Ra 98, TLCI 99
- ◆ DMX512 and Interaction control
- ◆ USB power out for wireless DMX Rx
- ◆ V/Gold mount battery and 4-pin DC IN
- ◆ All metal housing and 21mm ultra slim
- ◆ Optional barn door & honeycomb



## PL-E90D

### 90W Bi-color Soft Panel LED Light

- ◆ 480pcs edge mounted SMD-LEDs
- ◆ Unique 90° light guide ultra soft tech
- ◆ 2×1' size, 90W power, 2200Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ 2700K-6500K continuously adjust
- ◆ CRI Ra 98, TLCI 99
- ◆ DMX512 and Interaction control
- ◆ USB power out for wireless DMX Rx
- ◆ V/Gold mount battery and 4-pin DC IN
- ◆ All metal housing and 21mm ultra slim
- ◆ Optional barn door & honeycomb



## PL-E90L

### 90W Bi-color Long Ratio Soft Panel LED

- ◆ 0.5×3' long ratio, 21mm ultra slim panel light
- ◆ 480pcs edge mounted SMD-LEDs
- ◆ Unique 90° light guide ultra soft tech
- ◆ 90W power, 2000Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ 2700K-6500K continuously adjust
- ◆ CRI Ra 99, TLCI 99
- ◆ DMX512 control and Interaction control
- ◆ USB power out for wireless DMX Rx
- ◆ Heavy load ball head light stand mount
- ◆ With 2-leaf metal barn doors
- ◆ V/Gold mount battery and 4-pin XLR DC IN
- ◆ Provide 3-light interview kit





# Studio Lighting Solution

Panel / Fresnel Lights, Pantograph, Console, Wireless DMX





## CL-100/CL-100D

### 100W Studio SMD Panel LED Light

- ◆ Surface mounted LED technology
- ◆ Half-peak 65° wide beam angle
- ◆ 100W power, 3300Lux @ 1meter
- ◆ 0-100% flick-free dimming
- ◆ CRI Ra 97, TLCI 99, SSI (D55) 75
- ◆ DMX512 controlled color and dimmer
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display color and dimmer value
- ◆ PowerCON TRUE1 AC in and loop out
- ◆ 4-leaf metal barn doors and Yoke bracket
- ◆ Optional 40° honeycomb (LA-G100)

CL-100: 720pcs SMD-LED, 5600K daylight

CL-100D: 1440pcs SMD-LED, 2700K-6500K adjust



**1×0.5' Mini Panel**  
Low Ceiling Studio Fit

## CL-M100D

### Mini 100W Bi-color Studio Panel LED

- ◆ 1×0.5' mini size for low ceiling studio install
- ◆ 576pcs ultra bright long-life SMD LEDs
- ◆ 100W power, 3400Lux @ 1meter ultra bright
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% flick-free dimming
- ◆ CRI Ra 98, TLCI 99, SSI (D55) 73
- ◆ DMX512 controlled color and dimmer
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display color and dimmer value
- ◆ PowerCON TRUE1 AC in and loop out
- ◆ 4-pin XLR DC 11-17V input
- ◆ All-metal housing with 4-leaf barn doors



**1×0.5' Mini Panel**  
Low Ceiling Studio Fit

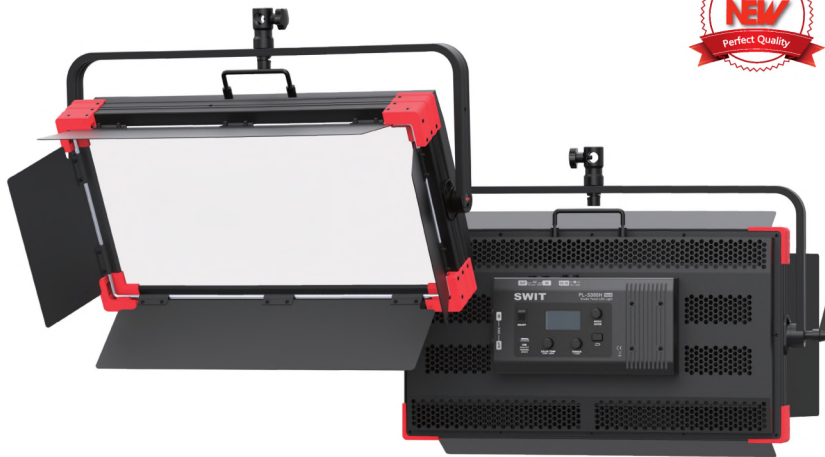


## CL-M100C

### Mini 100W RGBW Studio Panel LED

- ◆ 1×0.5' mini size for low ceiling studio install
- ◆ 170pcs RGB + 340pcs White SMD-LEDs
- ◆ 100W power, 3000Lux @ 1meter
- ◆ Time-Division drive, ultra bright RGB
- ◆ CCT / HSI / RGB / CIE / GEL / EFF color mode
- ◆ Built-in 20x Rosco and 20x LEE GELS
- ◆ 2800K-10000K, G/M  $\pm 1.00$  adjustment
- ◆ CRI Ra 96, TLCI 93
- ◆ 3.5-inch color LCD visualized operation
- ◆ 5-pin DMX512 3bit/6bit/7bit color control
- ◆ IOS/Android APP control
- ◆ PowerCON TRUE1 AC in and loop out
- ◆ All-metal housing with 4-leaf barn doors





## PL-S300D 300W Bi-color Soft Panel LED Light

- ◆ 1200pcs ultra bright long-life LEDs
- ◆ 2×1' size, 300W, 10000Lux @ 1meter ultra bright
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% Smooth flick-free dimming
- ◆ Linear, Log, Exponential, S- dimming curves
- ◆ Preset simulated light effects
- ◆ CRI Ra 96, TLCI 99, SSI (D55) 75
- ◆ DMX512 controlled color and dimmer
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display menu operation system
- ◆ PowerCON TRUE1 AC in and loop
- ◆ 3-pin XLR 48V DC power input
- ◆ All-metal housing with 4-leaf barn doors
- ◆ Optional 40° honeycomb (LA-GS150)



## PL-S300H 300W Bi-color Hard Panel LED Light

- ◆ 280pcs high power long-life SMD LEDs
- ◆ 45° lens on each LED to produce intense hard light
- ◆ 2×1' size, 300W, 47000Lux @ 1meter ultra bright
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% Smooth flick-free dimming
- ◆ Linear, Log, Exponential, S- dimming curves
- ◆ Preset simulated light effects
- ◆ CRI Ra 96, TLCI 99, SSI (D55) 75
- ◆ DMX512 controlled color and dimmer
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display menu operation system
- ◆ PowerCON TRUE1 AC in and loop
- ◆ 3-pin XLR 48V DC power input
- ◆ All-metal housing with 4-leaf barn doors
- ◆ Optional 40° honeycomb (LA-GS150)

**Hard Light**  
Extremely Bright



## PL-S150D

### 150W Bi-color SMD Panel LED Light

- ◆ 1152pcs ultra bright long-life LEDs
- ◆ Surface mounted LED technology
- ◆ 2×1' size, 150W, 5500Lux @ 1meter ultra bright
- ◆ 2700K-6500K continuously adjustable
- ◆ 0-100% Smooth non-linear flick-free dimming
- ◆ CRI Ra 97, TLCI 99, SSI (D55) 73
- ◆ DMX512 controlled color and dimmer
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display color and dimmer value
- ◆ V/Gold mount battery and 3-pin DC IN
- ◆ All-metal housing with 4-leaf barn doors
- ◆ Optional 40° honeycomb (LA-GS150)

#### ■ Photometric Measurements

Model	1 meter	2 meters	3 meters	4 meters	5 meters
PL-S150D 150W Soft	5,500Lux	1,380Lux	650Lux	350Lux	220Lux
PL-S300D 300W Soft	10,000Lux	2,500Lux	1,150Lux	650Lux	400Lux
PL-S300H 300W Hard	47,000Lux	11,750Lux	5,220Lux	2,950Lux	1,900Lux

#### ■ Specifications:

Model	PL-S300D	PL-S300H	PL-S150D
LED	1200pcs SMD LEDs	280pcs SMD LEDs with hard lens	1152pcs SMD LEDs
Luminance	10000Lux @ 1m	47000Lux @ 1m	5500Lux @ 1m
Beam angle	120° (64° half peak)	45° (lens)	Half-peak 64°
Color temperature	2700K-6500K	2700K-6500K	2700K-6500K
Color Rendering	CRI 96; TLCI 99; SSI(D55) 75	CRI 96; TLCI 99; SSI(D55) 75	CRI 97; TLCI 99; SSI(D55) 73
DMX	5-pin XLR DMX in&out	5-pin XLR DMX in&out	5-pin XLR DMX in&out
Power	300W	300W	150W
Input voltage	PowerCon True1 AC 100-240V in&out 3-pin XLR DC 48V in	PowerCon True1 AC 100-240V in&out 3-pin XLR DC 48V in	V-mount Battery 11-16.8V 3-pin XLR DC12V - 36V
Lighting area	484×242 mm	484×242 mm	484×242 mm
Dimension	543×301×100 mm	543×301×100 mm	543×301×58 mm
Weight	9.74kg	9.74kg	5.8kg





## FL-C200D

### 200W Bi-color COB Fresnel LED Light

- ♦ 200W ultra bright COB LED light
- ♦ 15°-50° Spot/Flood adjust
- ♦ Electromotive spot angel adjust (Optional E-motor)
- ♦ 65,000Lux luminance @ 15° / 1 meter
- ♦ 2700K-6500K continuously adjustable
- ♦ Silent mode by fans switching off
- ♦ 0-100% flick-free dimming
- ♦ CRI 97; TLCI 99; SSI(D55) 75
- ♦ DMX control: Color temp, Dimmer & Fan on/off
- ♦ DMX control: Spot/Flood angle (Optional E-motor)
- ♦ USB power out for wireless DMX receiver
- ♦ Preset light effects with speed adjustment
- ♦ LCD display Menu operating system
- ♦ PowerCON TRUE1 AC in and loop out
- ♦ Overheat detection and protection



## FL-C400D

### 400W Bi-color COB Fresnel LED Light

- ♦ 400W ultra bright COB LED light
- ♦ 15°-50° Spot/Flood adjust
- ♦ Electromotive spot angel adjust (Optional E-motor)
- ♦ 130,000Lux luminance @ 15° / 1 meter
- ♦ 2700K-6500K continuously adjustable
- ♦ Silent mode by fans switching off
- ♦ 0-100% flick-free dimming
- ♦ CRI 97; TLCI 99; SSI(D55) 75
- ♦ DMX control: Color temp, Dimmer & Fan on/off
- ♦ DMX control: Spot/Flood angle (Optional E-motor)
- ♦ USB power out for wireless DMX receiver
- ♦ Preset light effects with speed adjustment
- ♦ LCD display Menu operating system
- ♦ PowerCON TRUE1 AC in and loop out
- ♦ Overheat detection and protection

## Optional E-Motor to Adjust Spot Angle

The FL-C200D & FL-C400D support external electro-motor install to adjust the spot/flood angle by menu system or by DMX.

**LA-M50:** The optional E-motor for user install  
**FL-C200DM:** With factory pre-installed E-motor  
**FL-C400DM:** With factory pre-installed E-motor



LA-M50  
E-motor



## FL-C60D 60W Bi-color COB Fresnel LED Light

- ◆ 60W ultra bright COB LED light
- ◆ 15°-60° Spot/Flood electromotive adjust
- ◆ 25,000Lux luminance @ 15° / 1 meter
- ◆ 2700K-8000K continuously adjustable
- ◆ Silent mode by fans switching off
- ◆ 0-100% flick-free dimming
- ◆ CRI Ra 95, TLCI 97
- ◆ DMX512 controlled Color temp, Dimmer & Spot angle
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display color temp, dimmer and DMX addr
- ◆ 4-pin XLR DC 11-36V power input
- ◆ Overheat detection and protection



## FL-C100 / C100D 100W Fanless COB Fresnel LED Light

- ◆ 100W ultra bright COB LED light
- ◆ 12°-26° Spot/Flood angle adjust
- ◆ Fanless, absolutely silent
- ◆ 0-100% flick-free dimming
- ◆ 5-pin DMX512 in & out
- ◆ USB power out for wireless DMX receiver
- ◆ LCD display color temp, dimmer and DMX addr
- ◆ PowerCON TRUE1 AC in and loop out
- ◆ Overheat detection and protection

FL-C100: 5600K daylight, 60,000Lux @ 1m  
FL-C100D: 2700-6500K adjust, 55,000Lux @1m

### Specifications:

Model	FL-C60D	FL-C100	FL-C100D	FL-C200D	FL-C400D
LED	60W COB-LED	100W COB-LED	100W COB-LED	200W COB-LED	400W COB-LED
Spot angle	15° - 60°	12° - 26°	12° - 26°	15° - 50°	15° - 50°
E-motor	Built-in	No	No	Optional install	Optional install
Luminance	25,000Lux @ 1m (spot)	60,000Lux @ 1m (spot)	55,000Lux @ 1m (spot)	65,000Lux @ 1m (spot)	130,000Lux @ 1m (spot)
Color Temperature	2700K - 8000K	5600K	2700K - 6500K	2700K - 6500K	2700K - 6500K
Color Render	CRI 95; TLCI 97	CRI 96; TLCI 97	CRI 97; TLCI 99; SSI(D55) 75	CRI 97; TLCI 99; SSI(D55) 75	CRI 97; TLCI 99; SSI(D55) 75
DMX	5-pin XLR DMX in	5-pin XLR DMX in&out	5-pin XLR DMX in&out	5-pin XLR DMX in&out	5-pin XLR DMX in&out
Power In & Out	4-pin XLR DC11-36V in	AC100V-240V 50/60Hz PowerCON True1 in&out	AC100V-240V 50/60Hz PowerCON True1 in&out	AC100V-240V 50/60Hz PowerCON True1 in&out	AC100V-240V 50/60Hz PowerCON True1 in&out
Dimension	111×120×235mm	160×160×364mm	160×160×364mm	175×175×400mm	175×175×400mm
Weight	2.1kg	5.2kg	5.2kg	6.2kg	6.2kg





Wireless DMX



# RadioLux

Professional Wireless DMX

512

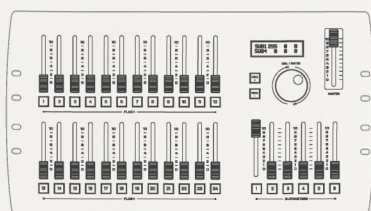
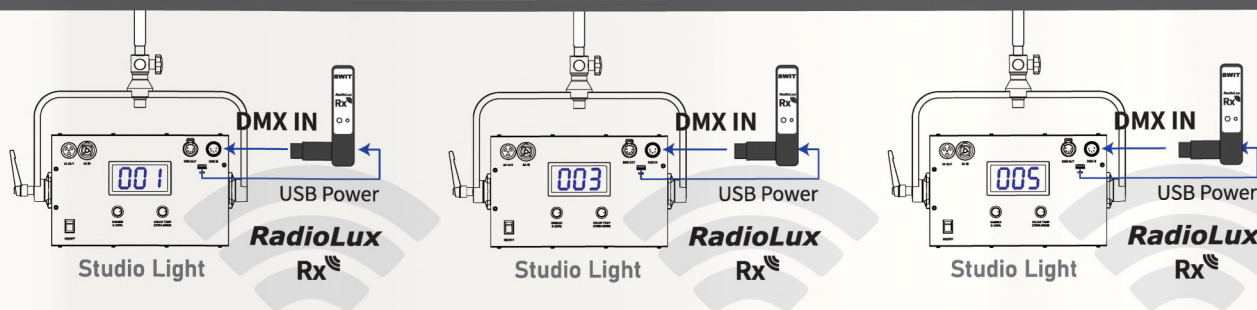
DMX channels

915MHz

Stable Wireless

500m

Distance



DMX OUT

RadioLux Tx



### Transmitter

Connect DMX console



### Receiver

Connect DMX light



## RadioLux Tx/Rx Wireless DMX512 Transmission System

- ◆ 863-928MHz license free wireless tech
- ◆ Anti-interference reliable DMX512 transmission
- ◆ Transmitter connected with any DMX console
- ◆ Receiver connected with any DMX light fixtures
- ◆ Unlimited quantity of Receivers linkable
- ◆ 500m / 1600ft long range receiving distance
- ◆ Less than 0.03 seconds low latency
- ◆ Transmitter powered by 4-pin XLR DC
- ◆ Receiver powered by 5V USB-A



### RadioLux Transmitter Built-in



## LA-WR480 48-ch Wireless DMX Console

- ◆ Built-in RadioLux wireless DMX Transmitter
- ◆ Link with Unlimited quantity of RadioLux Receivers
- ◆ 863-928MHz license free wireless tech
- ◆ Anti-interference reliable DMX512 transmission
- ◆ 500m / 1600ft long range receiving distance
- ◆ Less than 0.03 seconds low latency
- ◆ 24x channel sliders, 6x Group sliders, 1x Master slider
- ◆ Page A/B switch to support 48 channels control
- ◆ 5-pin XLR DMX in and loop out
- ◆ Wireless DMX and cable DMX working simultaneously
- ◆ PowerCON AC 88-256V wide input and loop out
- ◆ 19-inch rack mountable size

### Specifications:

Model	RadioLux Tx	RadioLux Rx	LA-WR480
Wireless Frequency	863-928MHz	863-928MHz	863-928MHz
Wireless Power	14dBm	14dBm	14dBm
Sensitivity	-111dBm	-111dBm	-111dBm
Wireless Distance	500m / 1600ft	500m / 1600ft	500m / 1600ft
Wireless Latency	0.03s	0.03s	0.03s
DMX Port	5-pin XLR in × 1; out × 1	5-pin XLR plug	5-pin XLR in × 1; out × 1
Power Input	4-pin XLR DC 7-24V	Micro USB 5V	PowerCON AC 88-256V 50/60Hz
Power Consumption	5.5W	0.5W	10W
Dimension	120 × 112 × 40mm	110 × 70 × 12mm	482 × 265 × 75mm
Weight	0.37kg	47g	2.65kg





## LA-R240

### 24-ch DMX512 Light Console

- ◆ Standard DMX512 signal control with isolater
- ◆ 24x channel sliders, 6x Group sliders, 1x Master slider
- ◆ Up to 4 units series connection, Max 96 channels control
- ◆ Support flash control buttons for each slider
- ◆ 3-pin XLR DMX in and loop out
- ◆ 1x USB-A power output
- ◆ PowerCON AC 88-256V wide input and loop out
- ◆ 19-inch rack mountable size



## LA-R480

### 48-ch DMX512 Light Console

- ◆ Standard DMX512 signal control with isolater
- ◆ 24x channel sliders, 6x Group sliders, 1x Master slider
- ◆ Page A/B switch to support 48 channels control
- ◆ Up to 4 units series connection, Max 192 channels control
- ◆ Support flash control buttons for each slider
- ◆ 3-pin XLR DMX in and loop out
- ◆ 1x USB-A power output
- ◆ PowerCON AC 88-256V wide input and loop out
- ◆ 19-inch rack mountable size



## LA-R960

### 96-ch DMX512 Light Console

- ◆ Standard DMX512 signal control with isolater
- ◆ 48x channel sliders, 12x Group sliders, 1x Master slider
- ◆ Page A/B switch to support 96 channels control
- ◆ Support flash control buttons for each slider
- ◆ 5-pin XLR DMX in and loop out
- ◆ Support RDM remote DMX address setting
- ◆ 1x USB-A power output
- ◆ PowerCON AC 88-256V wide input

#### ■ Specifications:

Model	LA-R240	LA-R480	LA-R960
Channel	24	48	96
Group control	6	6	12
Series connection	4 units, Max 96-ch	4 units, Max 192-ch	—
DMX port	5-pin XLR IN & LOOP	5-pin XLR IN & LOOP	5-pin XLR IN & LOOP
Power IN	PowerCON AC 88-256V 50/60Hz IN & LOOP	PowerCON AC 88-256V 50/60Hz IN & LOOP	PowerCON AC 88-256V 50/60Hz IN
Dimension	482×265×75mm	482×265×75mm	498×420×115mm
Weight	2.65kg	2.65kg	7.3kg



Console with Tx



Rx

## LA-WR8

### 8-ch Pocket Wireless DMX Console

- ◆ Pocket size portable DMX console
- ◆ 2.4G wireless quick connection with light adaptors
- ◆ 400m (LOS) transmission distance
- ◆ Compatible with all standard DMX512 lights
- ◆ 8 channels × 7 groups switching
- ◆ Power by 2× AA batteries or Micro USB input



Powered by 2x AA batteries  
working 4 hours



Lights with USB power socket



ARRI Skypanel



Other lights without USB

Light adaptor compatible with all standard 5-pin DMX port lights, and powered by USB.

## Specifications:

Model	LA-WR8 Console	LA-WR8-R Receiver
Wireless Frequency	2.4G	
Distance	400 meters (Line-of-Sight)	
Input Voltage	2x AA batteries or 5V Micro USB	5V Micro USB
Power Consumption	1W	0.5W
Dimension	184×84×22mm	110×70×12mm
Weight	274g	47g





## Pole Operated Yoke for Panel Lights

- ◆ 2 control cups for pan and tilt
- ◆ 5/8" Baby Pin female & 1-1/8" Junior Pin Male head

### Compatible Lights

Model	Compatible Panel Lights
<b>LA-PO100</b>	SWIT CL-100, CL-100D
<b>LA-POM100</b>	SWIT CL-M100D, CL-M100C
<b>LA-PO120</b>	SWIT CL-120D
<b>LA-POS150</b>	SWIT PL-S150D, PL-S300D, PL-S300H



## Pole Operated Yoke for Fresnel Lights

- ◆ 2 control cups for pan and tilt
- ◆ 5/8" Baby Pin female & 1-1/8" Junior Pin Male head

### Compatible Lights

Model	Compatible Panel Lights
<b>LA-POC60</b>	SWIT FL-C60D
<b>LA-POC100</b>	SWIT FL-C100, FL-C100D
<b>LA-POC200</b>	SWIT FL-C200D, FL-C400D



## Precise Positioning Pantograph

- ♦ Aluminum alloy heavy duty 23kg load
- ♦ Spring counter balance adjust
- ♦ Stay in any position with precision
- ♦ Connect with hook by screw bolt
- ♦ Connect with light by screw bolt

### Length Option

Model	Working Length
<b>GA-PT20P</b>	0.5m - 2m, 7 sections
<b>GA-PT30P</b>	0.6m - 3m, 9 sections
<b>GA-PT50P</b>	0.8m - 5m, 19 sections



## DMX Motorized Pantograph

- ♦ Aluminum alloy heavy duty 30kg load
- ♦ DMX motorized stretch control
- ♦ 10cm per second moving speed
- ♦ 5-pin DMX in & loop out
- ♦ PowerCON True1 AC power in & loop out
- ♦ Connect with hook by screw bolt
- ♦ Connect with light by screw bolt

### Length Option

Model	Working Length
<b>GA-PT20E</b>	0.5m - 2m, 7 sections
<b>GA-PT30E</b>	0.6m - 3m, 9 sections
<b>GA-PT50E</b>	0.8m - 5m, 19 sections



## GA-DG75

### 75kg Load Studio Light Hook

- ♦ Aluminum alloy 75kg load hook for studio lights
- ♦ 30-51mm diameter truss fit
- ♦ Screw bolt and M8 nut connection
- ♦ Connect with studio light directly
- ♦ Connect with GA-PT pantograph





## MUF50

### 5kg Portable Travel Tripod Kit

- ♦ Aluminum alloy light weight tripod kit
- ♦ 4-section leg, 43-149cm adjustment
- ♦ 5kg load smooth motion fluid head
- ♦ Dynamic counter balance
- ♦ 1/4" screw quick release plate
- ♦ Luminous bubble level
- ♦ 360° pan and -75° ~ +90° tilt motion
- ♦ Reverse center column to low angle shooting
- ♦ Anti-pinch locks and rubber feet



## MUF100C

### 10kg Carbon Fiber Travel Tripod Kit

- ♦ 8-layer tubular carbon fiber travel tripod
- ♦ 3-section leg, 40-170cm adjustment
- ♦ 25°-75° leg angle adjustment
- ♦ 10kg load smooth motion fluid head
- ♦ Dynamic counter balance
- ♦ 1/4" and 3/8" screws quick release plate
- ♦ Luminous bubble level
- ♦ 360° pan and -75° ~ +90° tilt motion
- ♦ Support 75mm & 100mm bowl size
- ♦ Anti-pinch locks and rubber feet

#### ■ Specifications:

Model	MUF50	MUF100C
Material	Aluminum alloy	Carbon fiber
Sections	4	3
Working height	43-149cm	40-170cm
Head load	5kg	10kg
Bowl diameter	50mm	75mm / 100mm
Max tube diameter	26mm	39mm
Tube thickness	1mm	1.2mm
Weight	2.23kg	4.3kg



## TOWER100

### 10kg Studio Camera Tripod Kit

- ◆ Aluminum light weight studio tripod
- ◆ 3-section leg, 72-153cm adjustment
- ◆ 10kg load smooth motion fluid head
- ◆ Dynamic counter balance
- ◆ 1/4" and 3/8" screws quick release plate
- ◆ Luminous bubble level
- ◆ 360° pan and -75° ~ +90° tilt motion
- ◆ With mid spreader to strengthen stability
- ◆ Anti-pinch locks and rubber feet

## TOWER150/150C

### 15kg Studio Camera Tripod Kit

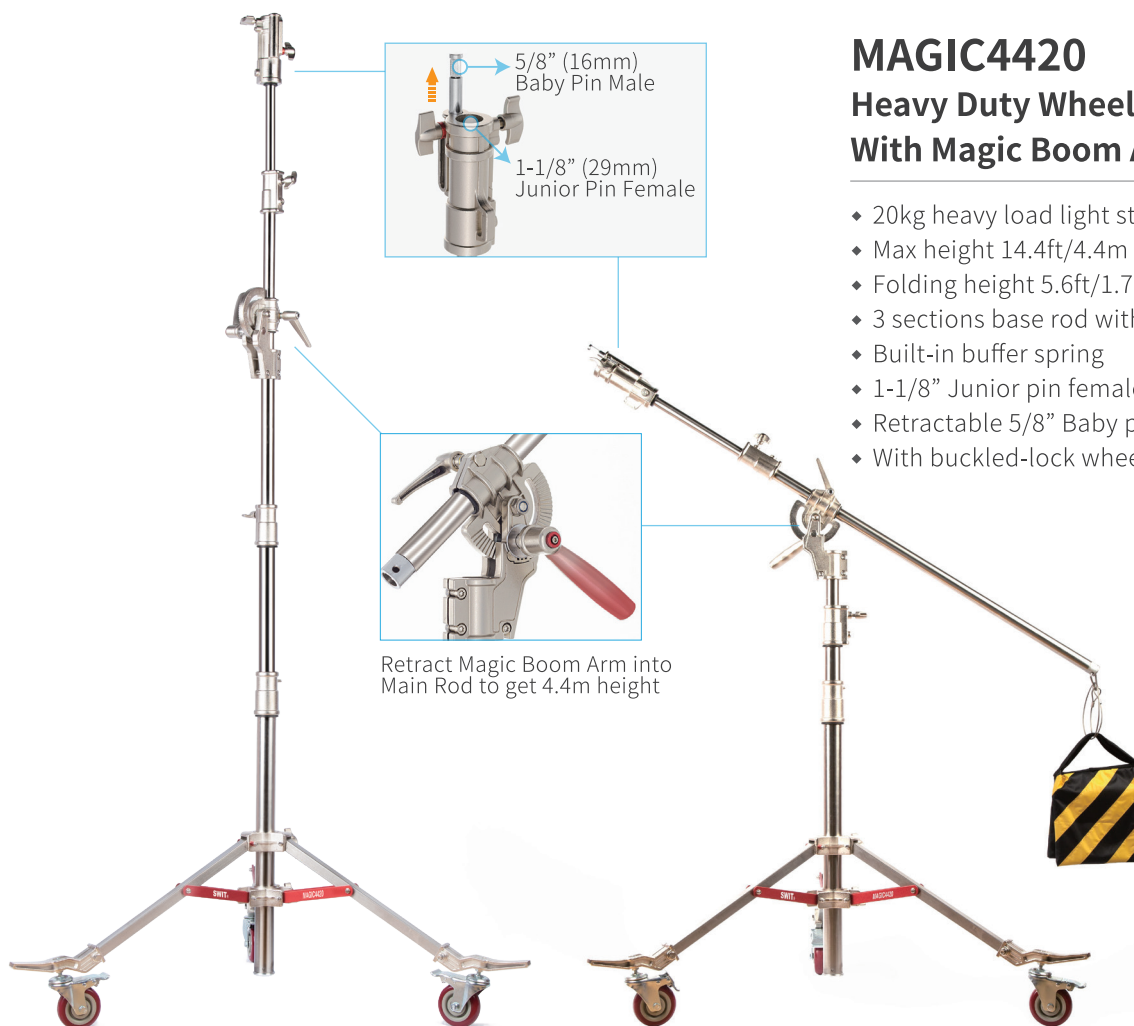
- ◆ 3-section leg, 50-170cm adjustment
- ◆ One buckle release and lock 3 sections
- ◆ 15kg load smooth motion fluid head
- ◆ Pan and tilt damping adjusting
- ◆ 1/4" and 3/8" screws quick release plate
- ◆ Luminous bubble level
- ◆ 360° pan and -75° ~ +90° tilt motion
- ◆ With ground stretcher and horseshoe feet



### ■ Specifications:

Model	TOWER100	TOWER150	TOWER150C
Material	Aluminum alloy	Aluminum alloy	Carbon fiber
Sections	3	3	3
Working height	72-153cm	50-170cm	50-170cm
Head load	10kg	15kg, damping adjust	15kg, damping adjust
Bowl diameter	65mm	75mm	75mm
Max tube diameter	20mm	22mm	22mm
Tube thickness	1.2mm	1.2mm	1.2mm
Weight	4kg	5.1kg	4.3kg





## MAGIC4420

### Heavy Duty Wheeled Light Stand With Magic Boom Arm

- ◆ 20kg heavy load light stand
- ◆ Max height 14.4ft/4.4m
- ◆ Folding height 5.6ft/1.75m
- ◆ 3 sections base rod with 2 sections boom arm
- ◆ Built-in buffer spring
- ◆ 1-1/8" Junior pin female receiver
- ◆ Retractable 5/8" Baby pin male head
- ◆ With buckled-lock wheels



### DS-8707A

#### 4kg Load Portable Light Stand

- ◆ 4 sections foldable light stand
- ◆ 5/8" baby pin with 1/4" screw head
- ◆ 50cm foldable, Max height 170cm



### QH-J2200

#### 6kg Load Portable Light Stand

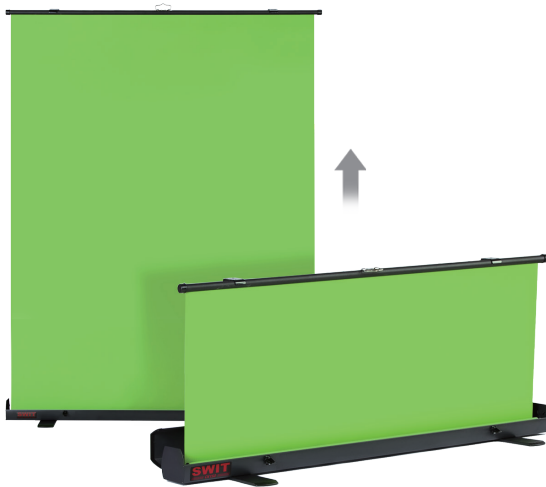
- ◆ 3 sections foldable light stand
- ◆ 5/8" baby pin with 1/4" and 3/8" head
- ◆ 70cm foldable, Max height 223cm



### QH-J288C

#### 8kg Load Air Cushioned Light Stand

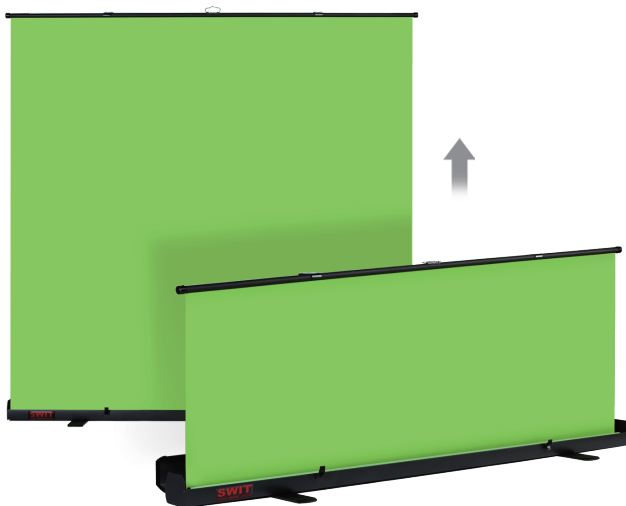
- ◆ 3 air cushioned sections light stand
- ◆ 5/8" baby pin with 1/4" and 3/8" head
- ◆ 105cm foldable, Max height 250cm



## CK150

### 1.5×2m Portable Chroma Key Screen

- ◆ Quick retract chroma key green screen
- ◆ 1.5 meters wide, 2 meters height
- ◆ High vibrancy wrinkle resistant fabric
- ◆ Gas spring bracket support
- ◆ Anti-dumping feet
- ◆ Portable carrying for field productions



## CK210

### 2.1×2m Portable Chroma Key Screen

- ◆ Quick retract chroma key green screen
- ◆ 2.1 meters wide, 2 meters height
- ◆ High vibrancy wrinkle resistant fabric
- ◆ Gas spring bracket support
- ◆ Anti-dumping feet
- ◆ Portable carrying for field productions

#### Specifications:

Model	CK150	CK210
Screen width	1500mm	2100mm
Screen height	2000mm	2000mm
Storage length	1600mm	2170mm
Package size	140×160×1680mm	140×160×2250mm
Net weight	10kg	13kg