

DHI-HY-FT431LFP

Flame Detection Network Camera



System Overview

Together with Visible and Thermal technology, this flame detection network camera provides an all-in-one solution for video surveillance. This camera has the ability to detect flame from long range, supports cold and hot spot alarm function and industrial temperature measurement alarm functions, enables flame tracking and positioning, and provides intelligent visual and audible warning. Featuring remote intercom and alarm input/output functionality, it realizes convenient linkage.

Functions

Flame Detection

Integrating thermal and video surveillance, detect flame based on abnormal temperature and conform details through the camera.

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, Dahua smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

Sound and LED Indication

Supports the light alarm and voice alarm when flame is detected, to realize the deterrence and effective intervention. The camera is built in multiple voices for selection, and supports customized voice importing.

Remote Intercom

Built-in MIC and speaker enable remote intercom between software platform and App.

Alarm Output

Built-in alarm input and output port to realize linkage output.

- Industry leading uncooled VOx focal plane detector with high sensitivity
- Supports fire detection alarm, cold and hot spot alarm, and industrial temperature measurement alarm functions
- Supports sound and LED indication, and supports binocular fusion
- Visible light adopts a 4MP 1/2.7 inch CMOS image sensor, which has good low illumination effect and high image clarity
- Support IP whitelist and blacklist, MAC whitelist and blacklist, multi-level user management, humanized monitoring, confidentiality, and permission management
- Supports H.265 encoding with high compression ratio, achieving ultra-low bitstream transmission
- Supports 1-way alarm input and 1-way alarm output functions, supports max. 256 G Micro SD card
- Built in MIC and high volume speakers, high decibel alarm sound 70dB ≥ 1m (A-weighted)
- Built in high-efficiency infrared fill light, with a maximum infrared monitoring distance of 25 meters
- Supports DC12V/POE power supply mode for easy engineering installation
- Supports IP67 protection level

Scene

This device is applicable to most places where both fire alarm and video surveillance are needed, such as:

- Community
- Shopping mall
- Warehouse
- Libraries and archive rooms
- Garbage rooms