



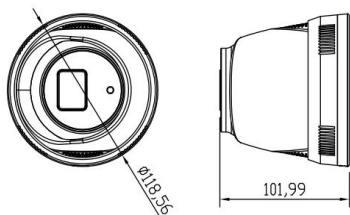
FEATURES

- Full-spectrum flame detection, detecting and locating the naturally burning flame.
- Fast flame detection and output
- Anti-interference of various light sources
- Long detection distance
- The detection sensitivity can be adjusted by 24 levels.
- Full screen detection
- Support up to 16 shielding areas
- It can detect the flame of combustible materials such as kerosene, diesel oil, gasoline, alcohol, butane, natural gas, liquefied gas, paper, fabric, firewood, organic materials, etc.
- Support 16 irregular shielding areas to prohibit detection in this area;
- The detection algorithm runs on the full front-end camera, which does not depend on the back-end server or the cloud, and can run when the network is disconnected;
- Support the push of alarm information to mobile APP and IMS platforms, and support the corresponding docking protocol interface for third-party integration.

APPLICATION SCENE

Suitable for various indoor scenarios.

DIMENSION



WIRE INTERFACE



- 1- power input
- 2- network interface
- 3-RS485/ alarm output

SPECIFICATION

Param	Model	FS-W3770IBB87-FD
CAMERA		
Image sensor		Double 2 megapixel progressive scanning CMOS
minimum illumination		Color: 0.1Lux/F1.4, black and white: 0.01Lux/F1.4
electronic shutter		Automatic, manual (1/25~1/10000)
Day-night conversion mode		Auto/Color/Black & White
camera lens		3.6mm lens
Lens interface type		M12
Wide dynamic		WDR (Off/Digital Wide Dynamic)
3D noise reduction		Off/Low/Medium/High/High
defog		\
mirror image		Off/horizontal mirror/vertical mirror/180 rotation/corridor mode (90 rotation, 270 rotation)
Backlight mode		Off/strong light suppression/backlight compensation
Color pattern		Standard/gorgeous/natural
Flame detection performance		
Limit of detection		Can detect the image of no more than 10 pixels of flame, available in field configuration
Coverage and sensitivity		In the case of indoor light intensity of 0-500lux, in the horizontal range of 70° (about 4mm corresponding focal length) 1 : The flame of the common liquefied gas lighter (5cm high flame) can be detected in 10 meters or more distance and alarm
Response Time		From the appearance of the flame, the maximum detection time is not more than 10 seconds, and can be increased to less than 1 second in a specific environment through the configuration of manual interface parameters
Anti-interference		Under the normal downward view installation mode, there will be no false positives due to various neon lights 2 meters away, the flame scene played by the player, the flashing
Subject range		Full spectrum flame detection: can detect all kinds of flame, typical combustion caused by combustion, including but not limited to kerosene, diesel, gasoline, alcohol, butane, etc.
AUDIO/VIDEO ENCODING		
Video compression		H.264
Encoding features		NTSC : main stream : 1920x1080 @30fps , main stream : D1@30fps PAL : main stream : 1920x1080 @25fps , main stream : D1@25fps
Max. Resolution		1920X1080
Video bit rate		Fixed bit rate, variable bit rate (160kbps-8000kbps)
Video type		Composite stream/video stream
Audio compression		G.711u
Audio bit rate		64Kbps
ROI		support
NETWORK		
network protocol		TCP/IP,UDP,HTTP,DHCP,RTSP,DDNS,NTP,PPPoE,UPnP,SMTP,FTP
Interface protocol		ONVIF, GB28181 (optional)
Video preview meanwhi		5
safe mode		Authorized username and password, HTTPS encryption, AES connection encryption,
motion detection		Set the detection area, which can set multi-level sensitivity.
Blocking alarm		1 zone
Privacy masking		4 zones
Event linkage		Snapping, TF card video recording, FTP uploading or sending Email, alarm output
Mobile phone monitoring		Support Apple and Android system mobile phone monitoring, add binding ladder
Equipment anomaly detection		Support network cable disconnection, IP conflict and illegal access alarm.
Character overlay (OSD)		Title, time and date overlay, OSD color optional
system upgrade		Support tool upgrade and WEB-side upgrade
INTERFACE		
Network Interface		RJ45 10M/100M network adaptive
Audio		Built-in microphone and speaker
Alarm output		1CH
Reset		/
RS485		1个RS485
TF storage		Supports up to 128 GB, local storage on Micro SD cards
GENERAL		
Operating temperature		-20°C ~ 55°C
Operating humidity		0% -90%
Power supply		DC12V (External PoE is optional)
Power consumption (max)		<8W
Dimensions(mm)		101.99(H)*Φ118.56(D)mm

All Info. only for reference, please see the subject produce. Any change will not be