TFW6237IHZ85A

FSAN

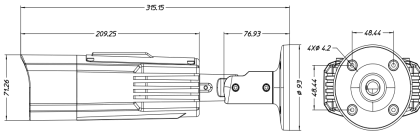## FEATURES

◆Thermal imaging + visible light in one of the camera
◆thermal imaging body temperature measurement, accuracy up to 0.3℃(with black body)
◆real-time temperature measurement, multi-objective synchronous automatic measurement
◆intelligent over-temperature alarm, rapid screening and tracking of temperature anomalies
◆resolution up to 2M(1920x1080@30fps)
◆support low bit rate, low latency, ROI area of interest enhanced coding
◆ support multi-line OSD, font, size, color, position adjustable
◆ support 3D digital noise reduction and WDR
◆ support automatic electronic shutter function, adapt to different monitoring environment
◆ support a variety of intelligent alarm linkage output
◆ support Onvif access
◆ support Email, FTP and NTP services
◆ supports HTTPS encrypted transport
◆ change the password when starting the initial equipment to ensure the security of the password
◆ support 2-way alarm input / 1-way alarm output
◆ support Micro SD card (128G) local storage
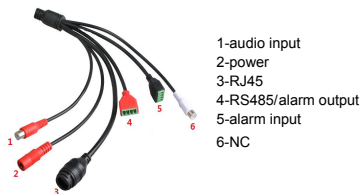◆ support PoE power supply

Application

The products can be widely used in bus station, railway station, airport, schools, communitie and shopping center etc.

DIMENSION

WIRE INTERFACE :

1-audio input
2-power
3-RJ45
4-RS485/alarm output
5-alarm input
6-NC

SPECIFICATION

Model	TFW6237IHZ85A
Thermal Camera	
Detector Type	Uncooled LWIR module
Effective Pixels	384×288
Pixel Size	17μm
Spectral Range	8-14μm
NETD	< 60mk(@25°C,F#=1.0, 300K, 50Hz)
Lens	9.1mm (13mm optional)
Angle of view	39°×30°
F NO.	1.2
Frame rate	40Hz
Color Palettes	Black-Heat /White-Heat/Rainbow etc.
Visible Camera	
Image sensor	1/2.8"SONY starlight CMOS
Min. Illumination	0Lux/F1.4 (IR on) Color:0.01Lux/F1.4, B/W:0.001Lux/F1.4
Min. Illumination	5m
Electronic shutter	Electronic shutter(1/5~1/100000)
Day/ Night	ICR switch, auto, color, B/W, ext
Lens	6mm lens
Lens interface	M12
S/N ratio	≥50db (AGC OFF)
WDR	WDR(Off/ Low/ Middle/ High)
3D N/R	Off/ Low/ Middle/ High/ Higher
Defog	Off/ Low/ Middle/ High
Image setting	Brightness, Contrast, Saturation, Sharpness, Hue
Video compression	H.264
Encoding	Main Profile
H.264 Encoding	BaseLine / Main Profile / High Profile
Encoding features	NTSC: main stream 1920X1080@30fps,, sub-stream: D1@30fps PAL: main stream: 1920X1080@25pss, sub-stream: D1@25fps
Max. Resolution	1920X1080
Video bit rate	Constant bit rate, variable bit rate (16kbps~8000kbps)
Video type	Complex stream/ Video stream
Audio compression	G.711u
Audio bit rate	64Kbps
Audio control	Support output volume gain control
ROI	Support 8 zones, multi-stage level
Watermark function	/
NETWORK	
Network protocol	TCP/IP,UDP,HTTP,DHCP,RTSP,DDNS,NTP,PPPoE,UPnP,SMTP,FTP
Access protocol	ONVIF
Browser	Support IE 11
Video preview meanwhile	2 user
User permission	User add/ modify/ delete, permission management
Safe mode	Authorized user name and password, HTTPS encryption and AES link encryption,
Motion detection	Set detection zone, Multi-level sensitivity can be set
Tampering alarm	1 zone
Privacy Mask	4 zones
Intelligent analysis	face detect、mask detect
Event linkage	Snapshot, TF card video, FTP upload or Email, alarm output linkage, preset linkage
ANR	Support, match with NVR
Mobile surveillance	Support Apple, Android
Device exception detection	Support network disconnected, IP conflict, illegal access alarm
OSD	Title, time and date overlay, multi-line OSD, OSD color optional
Snapshot	Support snapshot, snapshot resolution is encoding resolution
System update	Support remote update
TEMPERATURE MEASUREMENT	
measurement distance	2-5m(Suggest 3m)
Accuracy	±0.3℃ (with blackbody)
Measurement range	30-45℃
Detection target	10 person
Mask detect	Support, alarm prompt without mask
Face detect	Support for multi-target face detection, temperature measurement
Temperature alarm	Support high temperature alarm
Temperature monitor	Support fast easy installation
Data upload	Support snapshot image, temperature data upload
INTERFACE	
Network interface	RJ45 10M/100M network adaptative
Audio	Built-in audio output, support External audio input
Alarm input	2CH
Alarm output	1CH
Sound and light alarm	Built-in white light lamp and speaker
RS485	Support
TF card	Max.support 128G local-storage
Reset	Support
GENERAL	
Operating temperature	-10°C ~ 50°C (Thermometry temperature: 10-32℃)
Operating humidity	0 % -90 %
Power supply	DC12V/POE
Power consumption (max)	<10W(Typical operating power: 6W)
Dimensions(mm)	315.15mm*48.44mm*71.26mm
Weight	1.66kg