

# IPT-A1F4W-I50S

4MP Dual-spectrum Thermal Network Bullet Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

## قابلیت های کلیدی

- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +70 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP67
- دارای دو تصویر حرارتی و رنگی
- دارای میکروفون و اسپیکر داخلی
- تشخیص دمایی -20 تا +150 درجه سانتیگراد
- دقت دمایی ±8 درجه سانتیگراد
- OSD قابل تنظیم
- IR هوشمند 50 تا 70 متر
- طیف فرکانس نوری 8~14 μm
- کاهنده نویز دیجیتال 3D

## Specifications

Thermal Module	Sensor type	Vanadium Oxide Uncooled Focal Plane Arrays				
	Original Resolution	256*192				
	Field of View(H*V)	57.0°~42.0°				
	Video Resolution	720P(1280*720), Max 30fps				
	Response waveband	8-14μm				
	Pixel size	12μm				
	IFOV	3.75mrad				
	NETD	≤55mk @f/1.0 @25°C				
	Lens(focal length)	3.2mm@F1.1				
	Palette	Up to 20 palettes of optional color, including: white hot, lava, iron oxide red, hot iron, medical, arctic, rainbow 1, rainbow 2, rainbow 3, depict hot, ice hot, black hot, mazarine, fusion, red hot, green hot, color 1, color 2, rain, puce				
Detection Distance	Vehicle: 316m (target size 4mx1.4m); human: 126m (target size 1.8mx0.5m);					
Recognition Distance	Vehicle: 79m (target size: 4mx1.4m); human: 32m (target size: 1.8mx0.5m);					
Identification Distance	Vehicle: 45m (target size: 4mx1.4m); human: 18m (target size: 1.8mx0.5m);					
Optical Module	Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS				
	Lens	4mm@F1.6				
	Iris	Fixed aperture				
	DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
		4	62.1(203.6ft)	24.8(81.5ft)	12.4(40.7ft)	6.2(20.4ft)
	Field of View(H*V)	89.9°~49.1°				
	Video Resolution	4MP(2688*1520), Max 30fps				
	Shutter	Auto/Manual, 1 ~ 1/100000s				
	Min. Illumination	Colour:0.001lux (F1.6, AGC ON)				
		B/W: 0.0005lux(F1.6,AGC ON)	0 lux with IR			
	WDR	120dB				
	Day/Night	IR-cut filter with auto switch (ICR)				
	IR Range	50-70m IR range				
	Wavelength	850nm				
	IR On/Off Control	Auto/Manual				
BLC	Supported					
Smart (thermal module)	Fire Detection	Support the detection of fire point in the environment and up to 10 fire points can be detected				
	Smoking Detection	Support the detection of smoking in the environment and link to alarm				
	Temperature detection	Support area detection, and link to alarm, the temperature value can be added to the alarm picture				
		Support cold&hot point tracking, timely and clearly shows the abnormal point Up to 12 rules can be set Temperature range: -20°C ~+150°C Temperature accuracy: Max [±8°C/±8%]				
	Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area, Leave Area Support motor vehicle and pedestrian detection capture and plan arming				
Smart (optical module)	Exception Detection	Object left behind detection, Object removed detection, Scene Change Detection				
		Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area, Leave Area				
	Smart intrusion prevention	Support motor vehicle, non-motor vehicle and pedestrian detection capture and plan arming				
		Support audio and light warning function, with red and blue warning lights				
	Event	Basic Detection	built in optical module :Motion detection, Audio detection, Tampering alarm thermal module : Audio detection			
		General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication			
	Video	Compression	Ultra265, H.265, H.264, MJPEG			
		Video Stream	Triple streams			
		OSD	Up to 8 OSDs			
		Privacy Mask	Up to 8 areas per scene			
Audio	Audio Compression	G.711U,G.711A				
	Two-way audio	Supported, Built in mic and speaker				
	Sampling Rate	8kHz				
Storage	Edge Storage	Micro SD, up to 256 GB				
	Network Storage	ANR				
Network	Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS,				
	Compatible Integration	ONVIF (Profile S, Profile G, Profile T)				
Inter Face	Audio I/O	1/1				
	Alarm I/O	2/2				
	Serial Port	1 RS485				
	Network	1 x RJ45 10M/100M Base-TX Ethernet				
General	Power	DC12V(±25%), PoE(IEEE802.3af)				
		Power consumption: Max 12W Support reverse polarity protection, Overvoltage and overcurrent protection , Input short circuit protection				
	Dimensions (Ø x H)	Ø354mm x 104mm x 116mm(Ø13.9" x 4.1" x 4.6")				
	Weight	1.85kg(4.08lb)				
	Temperature detectionworking environment	-10°C ~+50°C(-14°F ~ 122°F) , Humidity: ≤95% RH (non-condensing)				
	Working Environment	-40°C~70°C [-40°F ~ 158°F], Humidity: ≤95% RH (non-condensing)				
	Ingress Protection	IP67				
Vandal Resistant	N/A					

## Dimensions

