

Item code: 70501-IWH-01T

Product description: IP T Network Bullet Camera

Main features: Thermal Network Bullet Camera: Image Sensor Vanadium Oxide Uncooled Focal Plane Arrays, Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR, 3 streams, Built-in Micro SD card slot, IP66.


SPECIFICATIONS

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max Resolution	160 × 120 (the resolution of output image is 320 × 240)
Pixel Interval	17 μm
Response Waveband	8 ÷ 14 μm
NETD	< 40 mk (@ 25° C, F#=1.1)
Lens (Focal Length)	3.1 mm
MRAD	5.48 mrad
Field of View	50° × 37.2° (H × V)
Min Focusing Distance	0.2 m
Aperture	F1.1
Smart Function	
VCA (Video Content Analysis)	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules
Temperature Measurement	3 temperature measurement rule types, 21 rules (10 points, 10 areas, and 1 line)
Temperature Range	-20 °C ÷ +150 °C (-4 °F ÷ +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)
Fire detection	Dynamic fire point detection, up to 10 fire points detectable
Network	
Main Stream	25fps (160 × 120 - the resolution of output image is 320 × 240)
Sub Stream	25fps (160 × 120 - the resolution of output image is 320 × 240)
Third Stream	25fps (160 × 120 - the resolution of output image is 320 × 240)
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile
Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20
User/Host level	Up to 32 users 3 levels: Administrator, Operator, User
Security Measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1 x access control, IP address filtering
Integration	
Alarm Input	2-ch inputs (0-5 Vdc)
Alarm Output	2-ch relay outputs, alarm response actions configurable


BS OHSAS 18001: 2007
 Occupational Health and Safety Management System

ISO 9001: 2015
 Quality Management System

ISO 14001: 2015
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Alarm Action	Preset/Patrol Scan/Pattern Scan/SD Card Record/Relay Output/Smart capture/FTP upload/Email linkage
Audio Input	1 3.5 mm Mic in/Line in interface Line input: 2-2.4 V [p-p], output impedance: 1 K Ω \pm 10%
Audio Output	Linear Level; Impedance: 600 Ω
Ethernet	1 RJ45 10 M/100 M Self-adaptive Ethernet interface, 1 RS-485 interface
SD Memory Card	Built-in Micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 G), support manual/alarm recording
Analog Video Output	1.0 V [p-p]/75 Ω , PAL/NTSC/BNC
Application Programming	Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform
Client	CMS-MZ
Web Browser	IE9+, chrome 31-44, Firefox 30-51, Safari 5.02+ (Mac)

General

Menu language	English
Power	12 Vdc \pm 20% PoE (802.3af, class 4)
Power Consumption	12 Vdc \pm 20%, max 8 W PoE (802.3af)
Working Temperature/Humidity	-40 $^{\circ}$ C \pm 65 $^{\circ}$ C (-40 $^{\circ}$ F \pm 149 $^{\circ}$ F), \leq 90%
Protection Level	IP66 Standard TVS 6000 V Lightning protection, surge protection, voltage transient protection
Dimensions	352.4 \times 113.5 \times 113 mm (13.9" \times 4.5" \times 4.45 ")
Weight	\sim 1.45 kg (3.2 lb)

Detection Range Table *(The table is only for reference, the performance may vary from camera to camera)*

Smart functions Range: Different targets trigger the VCA events within different range limits

VCA Range (Vehicles: 1.4 \times 4.0 m)	VCA Range (Humans: 1.8 \times 0.5 m)	T Measurement (Object: 2 \times 2 m)	T Measurement (Object: 1 \times 1 m)	Fire Detection (Object: 2 \times 2 m)	Fire Detection (Object: 1 \times 1 m)
63 m	21 m	66 m	33 m	180 m	90 m

Wide Range Coverage: There is range limit for detecting, recognizing, and identifying human/vehicle targets

Detection Range (Vehicles: 1.4 \times 4.0 m)	Detection Range (Humans: 1.8 \times 0.5 m)	Recognition Range (Vehicles: 1.4 \times 4.0 m)	Recognition Range (Humans: 1.8 \times 0.5 m)	Identification Range (Vehicles: 1.4 \times 4.0 m)	Identification Range (Humans: 1.8 \times 0.5 m)
280 m	91 m	70 m	23 m	35 m	11 m



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