

MODEL #

B7T4IP5MP-AI-V2



THERMAL NETWORK CAMERA

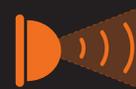


5MP
RESOLUTION



5MP
Resolution

3.6MM Lens



IR Up to 45M

TotalView- See in Color at Night



Two-way
Communication

Temperature
Measurement



Alarm
In/Out

Audio
In/Out



IP67 Dustproof
& **Waterproof**

Micro SD Card
Slot up to **1TB**

Discover our **B7T4IP5MP-AI-V2** thermal imaging camera, offering advanced security features. With 5MP resolution, it delivers crystal-clear images, capturing every detail with precision. Two-way communication enables real-time interaction, improving situational awareness. The in/out alarm adds a layer of security by alerting to potential threats. Equipped with temperature measurement capabilities, it goes beyond traditional monitoring by identifying anomalies. The bi-spectrum fusion image offers a unique view by combining thermal imaging with optical channel details. Invest in unrivalled safety with our thermal imaging camera.

THERMAL MODULE

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	256×192
Pixel Interval	12µm
Response Waveband	8-14µm
Netd (noise equivalent temperature difference)	≤40mk@25°C F#1.0, 25Hz
Lens (Focal Length)	3.2mm
IFOV	3.75 mrad
Field Of View	56°x42°
Min. Focusing Distance	0.3m
DRI Distance Human	Detection : 148m (486ft), Recognition: 36m (118ft), Identification: 21m (69ft)
DRI Distance Vehicle	Detection: 435m(1427ft), Recognition: 109m(358ft), Identification: 54m(177ft)
VCA Range for Humans	24m(79ft)
VCA Range for Vehicle	80m(263ft)
Heat Detection Distance	25m(82t)
Aperture	F1.1

OPTICAL MODULE

Max. Image Resolution	2592*1944
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @(F1.6, AGC ON), B/W: 0 @ IR ON
Shutter Speed	1/5 s to 1/20,000 s
Lens (Focal Length)	3.6mm
Field of View	Horizontal: 81°, Vertical: 57°, Diagonal: 108°
WDR	120 dB
Day & Night	IR cut filter with auto switch
BI-Spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Supplement Light Type	IR and Warm Light
Supplement Light Range	Up to 30 m (IR) / 15m (Warm light)
IR Wavelength	850nm
Smart Supplement Light	Yes
Warning Light	1 Red & 1Blue flashing light

NETWORK

Main Stream	Optical: 50Hz@25fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2048x1536), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960) 60Hz@30fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2048x1536), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960) Thermal: 50Hz/60Hz@25fps; 1280 × 720, 640 × 480
Sub-Stream	Optical: 50Hz@25fps; 720P(1280x720), VGA(640x480), QVGA(320x240) 60Hz@30fps; 720P(1280x720), VGA(640x480), QVGA(320x240) Thermal: 50Hz/60Hz@25fps; 640 × 480, 320x240
Mobile Stream	Optical: 50Hz@25fps; VGA(640x480), QVGA(320x240) 60Hz@30fps; VGA(640x480), QVGA(320x240) Thermal: 50Hz/60Hz@25fps; 640 × 480, 320x240
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+
Audio Compression	G.711u/G.711a
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
User/Host Level	6 users, 2 levels: Administrator, User
Security Measures	User authentication (ID and PW), HTTPS encryption, IP address filtering
Simultaneous Live View	Up to 14 Streams

INTEGRATION

Alarm Input	1-ch inputs
Alarm Output	1-ch outputs
Alarm Action	SD recording/Alarm output/smart capture/FTP upload/email linkage/ audio alarm/Red & Blue flashing light
Audio Input	1-ch inputs / 1 Built-in MIC
Audio Output	1-ch outputs/ 1 Built-in speaker
Reset	Yes
Communication Interface	1, RJ45 10M/100M self-adaptive Ethernet interface.
SD Memory Card	Built-in micro SD card slot (up to 1TB)
Analog Video Output (BNC)	NA
Web Browser	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above

SMART FUNCTION

Temperature Measurement	3 temperature measurement rule types (points, areas, and line), 20 rules in total
Temperature Range	-20 °C to + 550 °C (-4 °F to + 1022°F)
Temperature Accuracy	± 3°C / 3%
Fire Detection	Yes
AI Features	Optical: Intrusion, Region Entrance, Region Exiting, Line Crossing, Pedestrian & Vehicle, Object Detection, Crossing Counting, Crowd Density, Queue Length, Heat MAP, Rare Sound, Face Detection Thermal: Intrusion, Region Entrance, Region Exiting, Line Crossing detection, Fire detection, Temperature exception alarm, Pedestrian & Vehicle

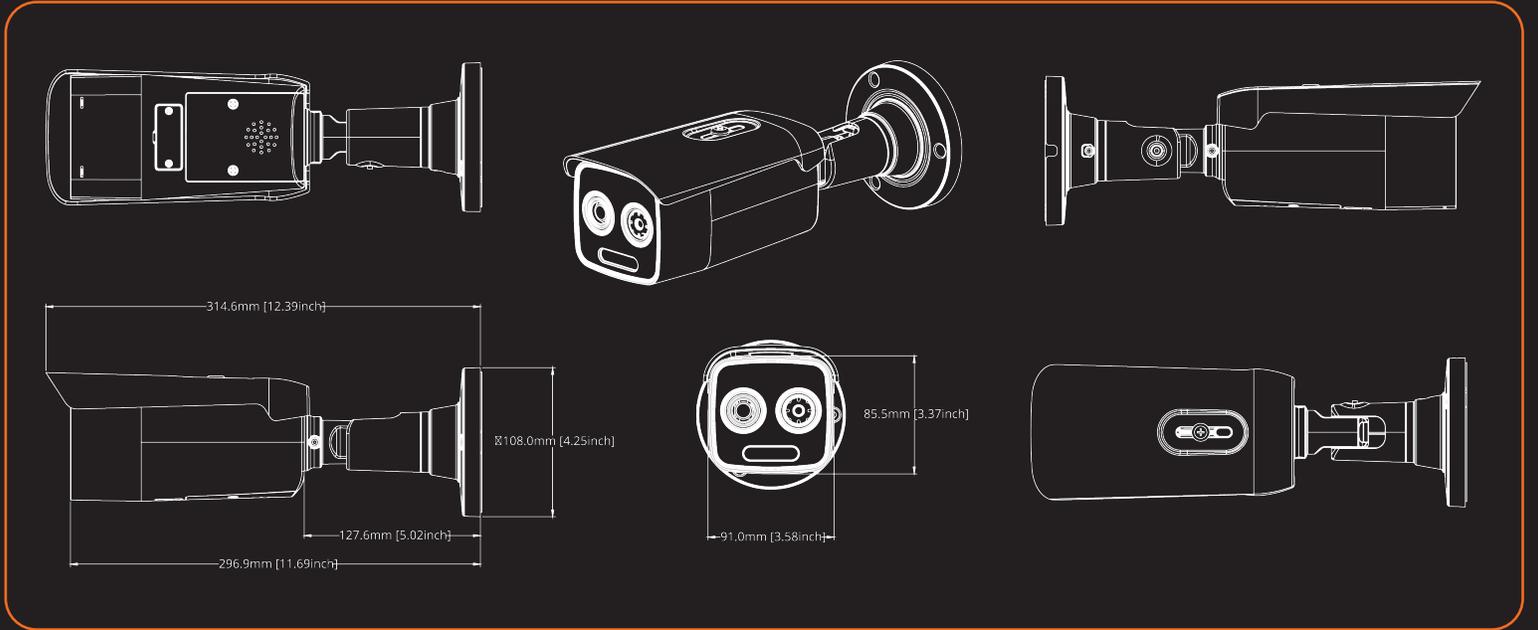
GENERAL

Menu Language	English, Russian, German, Italian, French, Portuguese, Spanish, Turkish, Japanese
Power	12 VDC ± 20%, PoE (802.3af)
Power Consumption	12VDC: 7.44W/PoE: 10.9W
Working Temperature/ Humidity	Temperature: -35 °C to 60 °C (-31 °F to 140 °F) ; Humidity: 90% or less
Protection level	IP67
Dimensions	108mm*314.6mm(4.25"*12.39")
Weight	Approx. 1.25kg(2.76lb)
Environment	RoHS2.0

DOWNLOAD THE OV CONNECT APP



DIMENSIONS



COMPATIBLE ACCESSORIES

CORNER MOUNT SOLUTION



COMB6
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



PMB6
POLE MOUNT BRACKET

WALL MOUNT SOLUTION



WMB5
WALLMOUNT BRACKET

OR



WMB6
WALLMOUNT BRACKET

+



EB3BASE3-G
PENDANT

JUNCTION BOX



TEBBASE1
JUNCTION BOX