MODEL #
B7T4IP5MP-AI

CTAVUE® BY **GSD GROUP**

THERMAL NETWORK CAMERA

NDAA Conforme

5MP RESOLUTION

5MP Resolution

3.6MM Lens

IR Up to 45M

TotalView

Alarm/Audio In/Out

Temperature Measurement

IP67

IP67 Dustproof & Water-Resitant

1TB MICRO SD CARD

Micro SD Card Slot up to 1TB

Discover our **B7T4IP5MP-AI** 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
VCA Distance Human	18.6m (61ft)
VCA Distance Vehicle	49m (161ft)
Heat Detection Distance	20m(66ft)
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 1/100,000 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	**Visible Light: 50Hz@25fps;** 5MP(2592x1944),4MP(2592x1520),3MP (2304x1296), 1080P(1920x1080), 960P(1280*960),720P(1280x720) 60Hz@30fps; 5MP(2592x1944),4MP(2592x1520),3MP (2304x1296), 1080P(1920x1080), 960P(1280*960),720P(1280x720) **Thermal**: 50Hz/60Hz@25fps; 1280×720, 640x480
Sub-Stream	**Visible Light:** 50Hz@25fps; 720P(1280x720),VGA(640x480), QVGA(320x240) 60Hz@30fps; 720P(1280x720),VGA(640x480),QVGA(320x240) **Thermal:** 50Hz/60Hz@25fps; 640 x 480, 320x240
Mobile Stream	**Visible Light:** 50Hz@25fps; VGA(640x480),QVGA(320x240) 60Hz@30fps; VGA(640x480),QVGA(320x240)
Video Compression	H.265/H.265+/H.264/H.264+MJPEG
Audio Compression	G.711u/G.711a
Protocols	TCPIP,HTTP,DHCP,DNS,DDNS,RTPRTSP,SMTP, NTP,UPnP,SNMP,HTTPS,FTP
User/Host Level	3 users, 2 levels: Administrator, User
Security Measures	User authentication (ID and PW), HTTPS encryption, IP address filtering

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
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

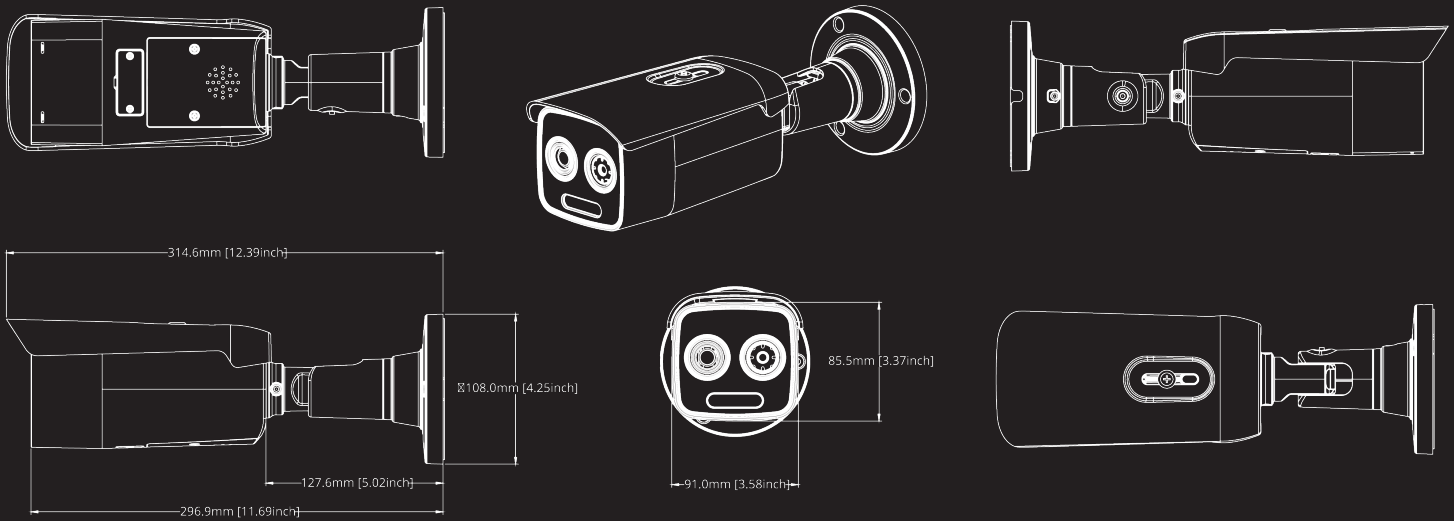|	
Temperature Measurement	Gobal, 12 points, 12 areas, and 12 line.
Temperature Range	-20 °C to + 150 °C (-4 °F to + 302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)
Fire Detection	Yes
AI Features	Optical: Intrusion, Region Entrance, Region Exiting, Line Crossing, Pedestrian & Vehicle, Object Detection, 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	Max.10.4W
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

OV CONNECT

GET IT ON Google Play

Available on the App Store

WWW.GSDGROUPINC.COM   A CANADIAN ENTERPRISE

DIMENSIONS

314.6mm [12.39inch]

108.0mm [4.25inch]

127.6mm [5.02inch]
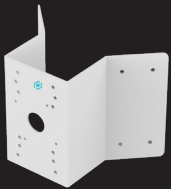
296.9mm [11.69inch]

85.5mm [3.37inch]

91.0mm [3.58inch]

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