

VTC-TNB5TH

Transcendent Series 5 MegaPixel Bi-Spectrum Long-Range Thermal WDR IP Fixed Bullet Camera



VITEKCCTV.COM
(888) VITEK-70



*Pair with VT-BB501 Black Body Calibration Device

KEY FEATURES - VISIBLE LIGHT

- 1/2.7" 5.0 Megapixel CMOS Image Sensor
- 5MP (2592 × 1944) @30 fps
- 8mm @ F2.0 Fixed Iris Lens (1/30s ~ 1/100000s)
- Field of View - 38°×27.5°(H×V)
- Captures 30 Faces Simultaneously
- Built-In White Light and Loudspeaker
- 120Db True Wide Dynamic Range (WDR)
- XD-DNR (3D & 2D Digital Noise Reduction)
- BLC, HLC, De-Fog

KEY FEATURES - THERMAL

- 17um 384×288 Vanadium Oxide Uncooled Focal Plane Detector
- Noise Equivalent Temp. Difference (NETD): <35mK(@25°C, F#=1.0)
- 12.3mm@F1 Thermal Imaging Lens
- 29.7°×22.5°(H × V)
- Minimum Focus Distance: 52.76" (1.34m)
- Temperature Measuring Distance 6'6"~20' (2~6m)
- Black, White, Pseudo-color

KEY FEATURES - GENERAL

- Gen. III Advanced Analytics: Face Detection, Target Counting, Intrusion, Region Entrance / Exit, Line Crossing, Scene Change, Video Blur
- H.265 / H.264 / MJPEG
- Remote Viewing via CMS, Internet Explorer, and iOS & Android Apps
- MicroSD Card Slot for Local Recording (256GB)
- Sound and Light Warning
- 1 Ch. Audio In + Out*
- ONVIF Compliant
- IP66 Weather Resistance
- 12VDC & PoE (Power over Ethernet) Operation
- Ceiling or Wall Mounting with Included Mount (Others Sold Separately)
- 2-Year Warranty

ACCESSORIES



VT-BB501
Black Body
Temp. Calibration
Device



VT-TRPT
Tripod for use with
VTC-TNB5TH and
VT-BB501



**Tripod
Adapter Plate**
Included
with Camera

RECORDERS



NEW VITEK VT-TNR818PTH:
8 Ch. NVR with Smart Thermal
and Temperature Measuring
Camera Management
Integration!

SPECIFICATIONS: *(V) = Visible Light, (T) = Thermal Module

Image Sensor / Size (V)	1/2.7" 5.0 Megapixel CMOS Image Sensor / 5 MegaPixel(2592 × 1944)
Resolution (V)	5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, CIF, 480×240
Min. Illumination (V)	0.0125 lux@F2.0,AGC ON; 0 lux with IR 0.0045 lux@F1.2,AGC ON; 0 lux with IR
Lens // Elec. Shutter (V)	8mm@F2.0 // 1 / 30s ~ 1 / 100000s
Additional Features (V)	Back / Highlight Comp., Defog, Built-in White Light and Loudspeaker, Sound / Light Warning
Compression: Video, Audio	H.265, H.264, MJPEG, G.711A / G.711U
Main-Stream (V)	60Hz: 5MP/4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 5MP/4MP/2K/3MP/1080P/720P (1~25fps)
Sub Stream, 3rd Stream (V)	60Hz: 720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~30fps) 50Hz: D1/CIF/480×240 (1~30fps); 60Hz: D1/CIF/480×240 (1~25fps)
Bit Rate / Type	64 Kbps ~ 7 Mbps / VBR + CBR
Wide Dynamic Range (V)	120dB
Digital Noise Reduction (V)	XD-DNR (3D & 2D-DNR)
Field of View (V) // (T)	38°×27.5°(H × V) // 29.7°×22.5°(H × V)
Temp. Measurement (Max 30 People simultaneously)	±0.5°C@ (86°F ~ 107.6°F / 30°C ~ 42°C, without black body) ±0.3°C@ (86°F ~ 107.6°F / 30°C ~ 42°C, with black body)
Temperature Alarm	High Temperature, Low Temperature, Temperature Exception
Detector Type (T)	17um 384×288 Vanadium Oxide Uncooled Focal Plane Detector
NETD (T)	(Noise Equivalent Temp. Difference) <35mK(@25°C, F#=1.0)
Lens // Iris Type (T)	12.3mm@F1.0 // Fixed Iris
Min. Focus Distance (T)	52.76" (1.34m)
Temp. Measurement Distance (T)	6'6" ~ 20' (2 ~ 6m)
IR Type / Range	White Light / Up to 100'
Gen. III Advanced Analytics	Face Detection, Target Counting, Intrusion, Region Entrance / Exit, Line Crossing, Scene Change, Video Blur
Image Setting	ROI, Saturation, Brightness, Chroma, Contrast, Sharpen, NR; Adjustable through client software or browser
Alarm	1 Ch. Alarm In + 1 Ch. Alarm Out
Smart Alarm	Motion Detection, SD Card Error / Full, IP Conflict, Cable Connection
General Functions	Watermark, IP Address Filtering, Video Mask, Heartbeat, Password Protection, Non-Photosensitive Switch, Image Distortion Correction
Network	RJ45
Hardware Reset	Yes
Audio	1 Ch. Audio In + 1 Ch. Audio Out*
Local Storage	Built-in Micro SD card slot up to 256GB
Remote View (Supp. Browsers)	CMS / Web Browser / Mobile (iOS/Android), IE, Chrome and Firefox w/ IE Tab
Interface Protocol	ONVIF
Weather Resistance	IP66
Power Input / Consumption	12VDC / PoE, <9W
Working Environment	50 ~ 95°F (10 ~ 35°C) (Windless) / < 95% Humidity
Weight / Dimensions	41.62oz. / 2.60lbs. / 1.18kg 10.96 × 3.95 × 3.49" (278.3 × 100.2 × 88.7mm)

*Please research local, state and federal laws regarding the implementation of audio surveillance.

