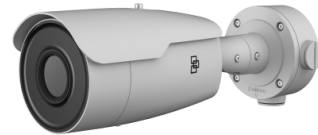


TVB-5707

TruVision Thermal bullet camera, 640 x 512, 25mm fixed lens

Overview

TruVision thermal cameras provide a solution for perimeter detection applications and high security monitoring in challenging lighting conditions. The camera features built in analytics such as intrusion zone, cross line, region entrance and region exit detection. It also includes temperature monitoring for critical infrastructure. TruVision thermal cameras can be used in combination with a variety of TruVision and UltraView recording platforms, as well as any third party platform using Onvif or CGI connectivity.



Details

- H.265 compression
- Uncooled thermal sensor
- Long range object detection
- IP66 rating for outdoor installation
- 50fps high frame rate support
- Embedded analytics for perimeter protection application
- Dual IP & analog video output
- PoE+ support
- SD card support for edge recording

TVB-5707

TruVision Thermal bullet camera, 640 x 512, 25mm fixed lens

Technical Specifications

Camera

Total Pixels (H x V)	640 x 512
Image sensor	Vanadium Oxide Uncooled Focal Plane Arrays
MRAD	0.68 mrad
Minimum focal distance	13m
Maximum detection range	2,255m (vehicle) / 735m (human)
Maximum recognition range	564m (vehicle) / 184m (human)
Maximum identification range	282m (vehicle) / 92m (human)
Colors	14 pseudo colors adjustable

Lighting performance

Wide dynamic range (WDR)	True WDR
WDR	120dB
Digital Noise Reduction	3D NR

Encoding

Video Streams	3
Video Compression Main Stream	H.264, H.265, MJPEG, MPEG4
Video Compression Sub Stream	H.264, H.265, M-JPEG, MPEG-4
Max. Resolution @ fps	640 x 512 @ 50fps

Lens

Focal length	25 mm
F-stop	1.0
Lens Type	Fixed

Network

Supported Network Protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTP, RTSP, SMTP, SNMP, TCP, UDP
Supported Video Standards	CGI, ONVIF, PSIA

Audio

Audio In	1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1K Ω , \pm 10%
Audio Out	1 Audio output interface, line level, impedance: 600 Ω
Audio Compression	G.711A, G.711U, G.722, G.726

Alarm I/O

Alarm Outputs	2
Alarm Inputs	2

Storage

Max Storage Capacity	Up to 128GB
Local Storage Support	Yes
Local Storage Type	Micro SD/SDHC/SDXC

Video intelligence

Basic Alarm Detection	Motion, Privacy Masking
Video Analytics	Audio exception, Cross line, Intrusion detection, Region entrance detection, Region exit detection

General

Technology	Analog, IP
Display Modes	Mirror
OSD	Text Overlay
Video Output	BNC Composite PAL 1.0 Vp-p @ 75 Ohm
Video Standard	PAL

Electrical

Power consumption	8W
Operating voltage	24VAC 12VDC PoE+ (802.3at)

Physical

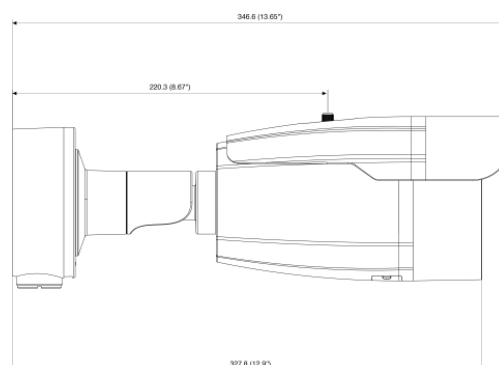
Form Factor	Bullet
Physical dimensions	\varnothing 115.8 x 327.8 mm (incl. back box)
Net weight	2 kg 4.41lb
Colour	Grey

Environmental

Operating temperature	-40°C to 65°C -40°F to 140°F
Relative humidity	90% or less, no condensation
Environment	Indoor / Outdoor
IP-rating	IP66

Standards & regulation

Compliance	CE, cUL, REACH, RoHS, UL, WEEE
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As a company of innovation, UTC Technologies reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Technologies online or contact your sales representative.