TVTH-S01-0004-BUL-G

TruVision IP thermal bullet camera, outdoor, CIF, 15 mm lens, H.265/ H.264, ONVIF, SDHC card slot, PoE+ / 12 VDC / 24 VAC

Overview

TruVision S series IP thermal Cameras is the answer for demanding customers to detect unwanted activities in difficult weather or light conditions. The thermal IP camera line-up is accessible and offers advanced features to ensure precision for your customer's optimal security.

The cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line detection, intrusion detection and region entrance/exit features. With its smart person/vehicle feature the camera can ignore irrelevant motion or VCA events which will automatically lead to less storage consumption and faster retrieval of relevant video events.

TruVision S series IP thermal Cameras utilize H.265 and/or H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.

TruVision S series IP thermal Cameras can be used in combination with a variety of TruVision recording platforms, as well as any third party platform using ONVIF connectivity.

Why choose the S series of thermal IP cameras?

Our new range of thermal cameras can be integrated in the full Aritech ecosystem. With the recorders, the network products, TruVision Navigator, it completes the full KGS security network.



Details

- Uncooled thermal sensor
- H.265 compression
- Intelligent VCA human and vehicle detection
- Long range object detection
- IP66 rating for outdoor installation
- Embedded analytics for perimeter protection application
- PoE support
- SD card support for edge recording

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Technical specifications

General

Technology	Thermal
OSD	Picture Overlay, Text Overlay
Image settings	De-Fog, Digital noise reduction, Mirror, OSD with custom text overlays, ROI (Region Of Interest), WDR
Video output	BNC Composite PAL / NTSC
Software compatibility	TruVision Navigator, TVRmobile

Camera

Total Pixels (H x V)	384 x 288
Image sensor	Vanadium Oxide Uncooled Focal Plane Arrays
IFOV	0.80 mrad
Pixel Interval	12 µm
NETD	≤ 35 mK (25°C), F# = 1.0
Minimum focal distance	2.5 m
Maximum detection range	1,353 m (vehicle) / 441 m (human)
Maximum recognition range	338 m (vehicle) / 110 m (human)
Maximum identification range	169 m (vehicle) / 55 m (human)
VCA Range for Vehicles	309 m (4.0 x 1.4 m)
VCA Range for Humans	110 m (1.8 x 0.5 m)
Temperature Measurement Range	351 m (2 x 2 m)
Temperature Measurement Range	177 m (1 x 1 m)
Colors	14 pseudo colors adjustable

Encoding

Video streams	3
Main stream compression	H.264, H.265
Sub stream compression	H.264, H.265, MJPEG
Third stream compression	H.264, H.265, MJPEG
Main stream resolutions	1280 x 720 (XVGA), 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Sub stream resolutions	352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Third stream resolutions	1280 x 720 (XVGA), 352 x 288 (CIF), 640 x 480 (VGA), 720 x 576 (960H)
Max. resolution @ fps	384 x 288 @ 25 fps

Lens

Lens type	Fixed
Focal length	15 mm, FoV 17.0 × 13.0° (H × V)
f-stop	1.0

Network

Integration	ONVIF, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP, UDP

Audio

Audio compression	G.711a, G.711u, G.722, G.726
Audio in	1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio out	1 Audio output interface, line level, impedance: 600Ω

Alarm I/O

Alarm inputs	2
Alarm outputs	2

Storage

Local storage support	Yes
Local storage type	Micro SD/SDHC/SDXC
Max. SD card capacity	Up to 128GB

Video intelligence

Alarm trigger	Motion detection
Smart event	Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection
Intelligence options	VCA human and vehicle detection

Electrical

Operating voltage	24 VAC or 12 VDC PoE+ (802.3af, class 3)
Power consumption	5.5 W (max.)

Physical

Physical dimensions	351.3 x 113.5 x 115.2 mm
Net weight	1.77 kg
Colour	Grey
Form Factor	Bullet

Environmental

Environment	Indoor, Outdoor
Operating temperature	-40 to +65°C
Relative humidity	<90% noncondensing
IP rating	IP67

Regulatory

Compliancy	CE, cUL, REACH, RoHS, UKCA, UL, WEEE

Accessories

Back Box (included with camera)	

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Compatible products

Category	Reference	Description
Brackets & Mounts	TVD-M-CMA	

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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