



Type: Bullet - Thermal Imaging - Camera

Item Code: GD-TI-AT3119T

EAN CODE: 4260573065547

PREMIUM

The PREMIUM product line offers versatile solutions with unique and unparalleled features.

Highlights

Object Classification



This technology employs a highly advanced deep learning algorithm that can discern whether the alarm was triggered by a human, a vehicle or some other object.

Features

- Temperature exception alarm for fire prevention & fire detection algorithm
- Dual Streaming with 1 infrared channel and 1 optical channel

Specifications GD-TI-AT3119T

Thermal module

Thermal Sensor:	Vanadium Oxide Uncooled Focal Plane Array
Resolution (Thermal):	640 x 512
IFOV:	0.63 mrad
NETD:	45 mk (@25 + 45°C, F1.0)
Response Waveband:	7 µm to 14 µm
Detector Pitch:	12 µm
Focal Length (IR):	19 mm
Viewing Angle (IR):	22.9° x 18.5° (HxV)

Camera

Image Sensor:	1/2.8" progressive Scan CMOS
Video Resolution:	1920 x 1080
Sensitivity Colour:	0.001 Lux @ F1.2 (AGC ON)
Sensitivity B/W:	0.0001 Lux @ F1.2 (AGC ON)

Lens

Lens Focal Length:	8 mm
Field of View:	36° ~ 20° (H x V)

Video

Day/Night Switch:	Color, BW, Auto
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General

DRI Range:	Detection Range (1.8 m x 0.5 m): 600 m Recognition Range (1.8 m x 0.5 m): 200 m Detection Range (2.3 m x 2.3 m): 1200 m Recognition Range (2.3 m x 02.3 m): 500 m
Accessories included:	Wall mount bracket

Network

Video Compression:	H.264
SD Memory:	Built-in Micro SD, SDHC, SDXC slot from 32 up to 256 GB
Frame Rate:	Main Stream: Thermal: 25 fps (640 × 512) Optical: 50 Hz: 25 fps (1920 × 1080, 1280 × 720)
Network Protocol:	TCP/IP, HTTP, HTTPS, UPnP, DNS, NTP, RTSP, TCP, UDP, ICMP, IGMP, DHCP, IEEE 802. IX, IPV4

I/O Interface

Network Interface:	1x 10, 100 Base T (Ethernet), TX (RJ-45)
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Intelligent Functions

Motion Detection:	Adjustable whether people or motorized vehicles or only movements should be detected. The detection area and sensitivity can also be adjusted.
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Line Crossing:	Cross a pre-defined virtual line

Approvals

Protection Rating:	IP66 (IEC 60529-2013), anti-corrosion, anti-salt fog
Regulation:	CE, RoHS Compliant
Standard:	ONVIF (Profile S)

Environmental

Operating Temperature:	-35 °C ~ 60 °C (-31 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing

Electrical

Surge Protection:	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	12 VDC ±10%
Power Consumption:	Max. 15 W

Mechanical

Dimensions:	262 x 140 x 103 mm (10.3 x 5.5 x 4.1 inch)
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Accessories

GD-HW-SD-128GB



GD-HW-SD-256GB

Guarantee

All cameras in the “SMART”, “PRO” and “PREMIUM” product lines have an extended warranty period of 5 years on electronic parts, mechanical wear and tear on moving parts is not included. Please note our general delivery terms and conditions.