eneo INT-8SF0003M0A

Articlenumber: 236317

Short description

Network Hybrid Thermal Bullet Camera Day/Night, 2592x1944 optical 3,6mm, 256x192 thermal 3.2mm, IP66, PoE, 12VDC



Key features

- Dual network bullet camera
- Optical resolution 2592x1944 pixels
- Thermal resolution 256x192 pixels
- Fixed focal 3.6mm (optical) H:81°, V:57°
- Fixed focal 3.2mm (thermal) H:56°, V:42°
- AI analysis functions including object classification (optical)
- Temperature alarm measuring range -20°~ +150° (±8°)
- Supports audio and alarm inputs and outputs
- Local storage via micro SD card
- Supports ONVIF profiles S/T/G/M
- NDAA compliance
- Suitable for outdoor use IP66

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Features

Product Labels	
EAN/GTIN	4260229840603
Manufacturer number	236317
Series	eneo IN-Serie
Camera	
Photosensitivity	0,003 Lux @ F1,6 AGC on
Recording sensor	CMOS
System	True Day&Night, Thermal image
Low Speed Shutter	Yes
Manual Electric Shutter (MES)	1-25~1-25,000Sec
Flickerless function	Yes
Backlight compensation	Yes
Signal-to-noise ratio	39 dB
Video	
Picture size	16:9
Video Compression	H.265, H.264, M-JPEG
Data stream types	Triple-Stream(Main/Sub/Mobile)
Image transfer rate max.	25 fps
Lens	
Lens Type (Thermal)	Prime lens
Focal length (Thermal)	3,2 mm
Minimum focus distance (Thermal)	0.3 m
Vertical angle of view (Thermal)	42°
Horizontal angle of view (Thermal)	56°
Zoomfactor (Thermal)	99
Lens Type	Prime lens
Focal length	3,6 mm
Vertical angle of view	57°
Horizontal angle of view	81°
Iris Control	DC
Display / Presentation	
Image resolution max.	2592x1944

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Continuation Features

DORI	
Perceiving (25px/m)	68,5 m
Watch (62px/m)	27,3 m
Detect (125px/m)	14 m
Identify (250px/m)	7 m
DRI	
Detect Human (D)	148 m
Recognize Human (R)	36 m
Identify Human (I)	21 m
Detect Vehicle (D)	421 m
Recognize Vehicle (R)	90 m
Identify Vehicle (I)	53 m
Features	
Motion detector	Yes
Analysis	Line crossing (LCD), Abandoned and Removed Objects (SOD), Passage count (CC), Crowds (CD), Queues (QD), Heat Map (HM), Rare Sounds (RSD), Face Capture (FD), Enter Region, Intrusion, Leave Region, Face Recognition (FR), Attendance (FA), Object Classification Human / Vehicle (PD&VD), Fire alarm, Temperature Exception Alarm
Alarm processing	SD recording, relay output, smart capture, FTP upload, email linkage, audio alarm, Red & Blue flashing light
Audio support	Yes
Password	Administrator and User
Detection range (m)	44 m
Internal memory	microSD card slot
Menu languages	English, German, French, Italian, Portuguese, Spanish, Turkish, Russian, Japanese
Eneo Privacy	Areas-ON/OFF switchable
Browser	Safari, Firefox, Google Chrome, Edge, MS Internet Explorer 10/11
Digital Noise Reduction (DNR)	Yes
Network	
Security	IP address filtering, Complicated password, HTTPS encryption, IEEE 802.1X-Authentication (available from firmware version 8.2.4.1)
Network Protocols	TCP-IP, HTTP, DHCP, DNA, DDNS, RTP, RTSP, SMTP, NTP, UPnP, HTTPS, FTP

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Continuation Features

Interfaces / Inputs / Outputs	
Ethernet interface	10Base-T, 100Base-TX
Alarm inputs	1
Control Interfaces	Ethernet
General	
Thermal resolution	256x192
Wide Dynamic Range (WDR)	WDR 120dB
Lighting	Infrared, Warm Light
Audio compression	G.711a, G.711u
Weight	1.25 kg
Color (Housing)	RAL9003, Other colors available upon request
Housing type	Outside
Housing material	Aluminium
Heating	No
Integrated wall mount	Yes
Camera Type	Thermal Hybrid Bullet
Power consumption	18.2 W
Mounting type	Wall, Ceiling
ONVIF	ONVIF Profile G, ONVIF Profile S, ONVIF Profile T, ONVIF Profile M
Power over Ethernet	IEEE 802.3af
ESC	1/25 ~ 1/25.000Sek.
Pixel Edge Length	12 µm
Protection	IP67, NEMA 4X
Sunshade canopy	Yes
Power supply	12VDC, Poe
Temperature Range (Operating)	-30°C ~ +60°C
Text overlay	Switchable on/off
Vandalism-resistant	No
Scope of Delivery	
Scope of delivery	Quick installation guide, drilling template, 3x wall plugs with screws, 1x Allen wrench, waterproof cover for RJ45 connector

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Continuation Features

Notes	
Remark	The viewing angles of the camera modules vary. We recommend only using components from the same brand together. You can find more information about our paid compatibility check with other brands at VIDEOR #229235.
Wärmebild	
Recording sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays
Image transfer rate max. (Thermal)	25 fps
IFOV (Instantaneous Field of View)	3.7 mrad
Response Waveband	8 -14 µm
Thermal sensitivity (NETD)	40 mK
Temperature Measurement	-20 °C - + 150 °C

Further information

Early fire detection can be used in a variety of areas to respond to fire threats early, minimizing property damage, personal injury, and business interruption.

Here are some possible areas of application:

Residential buildings: To protect residents and property from fires that could be caused by household appliances, candles, smoking, or electrical problems.

Office buildings: To ensure employee safety and prevent data loss and property damage from fire.

Industrial facilities: Particularly important in manufacturing facilities, warehouses, and factories where flammable materials and machinery pose a higher fire risk.

Critical infrastructure: Hospitals, schools, airports, train stations, and other important facilities where a fire could have catastrophic consequences.

Agricultural operations: To protect crops, livestock, and farm buildings from fire.

Server rooms and data centres: To ensure the protection of sensitive data and expensive hardware that could be destroyed by fire.

Vehicles and ships: In transportation such as buses, trains, airplanes, and ships to ensure the safety of passengers and cargo.

Historic buildings and museums: To protect priceless cultural assets and historical artifacts from fire.

Large events and public places: To protect crowds at concerts, sporting events and other public gatherings.

Forests and nature reserves: For early detection of forest fires to minimize environmental and property damage and prevent the spread of fires.

In addition, this camera supports various AI functions for the thermal and optical camera modules. Please refer to our AI Matrix in the download area for further details.

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Optional Accessories

Art. Nr	Name	Product description
218218	eneo Site Manager	Management Software for eneo IP products
234990	eneo INsight mobile	Mobile App for recorder IN- and MN-series
236198	eneo INsight Installation Tool	Supports adjustments for cameras with AI features for IN-series
234989	eneo INsight	Control software for recorder IN- and MN-series
233754	eneo AK-20	Camera connection box for Wall and ceiling mounting, IN Series Bullet Cameras
233775	eneo AK-21	Camera connection box for Wall and ceiling mounting, Bullet and Dome Cameras IN series
235339	eneo AK-24	Dual camera connection box for selected Bullet or Fix Dome IN-Series cameras
235257	eneo PM-21	Pole mounting adapter, steel for camera connection box AK-20, AK-21 and wall mount WB-24
245272	eneo PM-21	Pole mounting adapter V2A stainless steel, for camera connection box AK-20, AK-21 and wall mount WB-24

Optional Recommendations

Art. Nr	Name	Product description
230068	jetrics jetpower-PSU-XS-11C Steckernetzteil	
242363	eneo NSUR-1008M0A	Gigabit Switch Rack, Unmanaged, 8x PoE, 2xSFP, max. 30W each Port, integrated Power Supply max. 150W
242364	eneo NSUR-1016M0A	Gigabit Switch Rack, Unmanaged, 16x PoE, 2xSFP, max. 30W each Port, integrated Power Supply max. 250W
242365	eneo NSUR-1024M0A	Gigabit Switch Rack, Unmanaged, 24x PoE, 2xSFP, max. 30W each Port, integrated Power Supply max. 400W
242366	eneo NSMR-2008M0A	Gigabit Switch Rack, Managed, 8x PoE, 2xSFP, max. 30W each Port, internal Power Supply max. 150W
242367	eneo NSMR-2016M0A	Gigabit Switch Rack, Managed, 16x PoE, 2xSFP, max. 30W each Port, integrated Power Suppply max. 250W
242368	eneo NSMR-2024M0A	Gigabit Switch Rack, Managed, 24x PoE, 2xSFP, max. 30W each Port, integrated Power Supply max. 400W
242369	eneo NSUI-3004M0A	Gigabit Switch Industrial, Unmanaged, 4x PoE, 1xRJ45, 1xSFP, 30W each Port, -40°C~75°C, 44~57 VDC, w/o power supply
242370	eneo NSUI-3008M0A	Gigabit Switch Industrial, Unmanaged, 8x PoE, 2xSFP, 30W each Port, -40°C~75°C, 44~57 VDC, w/o power supply
242371	eneo NSMI-4004M0A	Gigabit Switch Industrial, Managed, 4x PoE, 2xSFP, 30W each Port, -40°C~75°C, 44~57 VDC, w/o power supply

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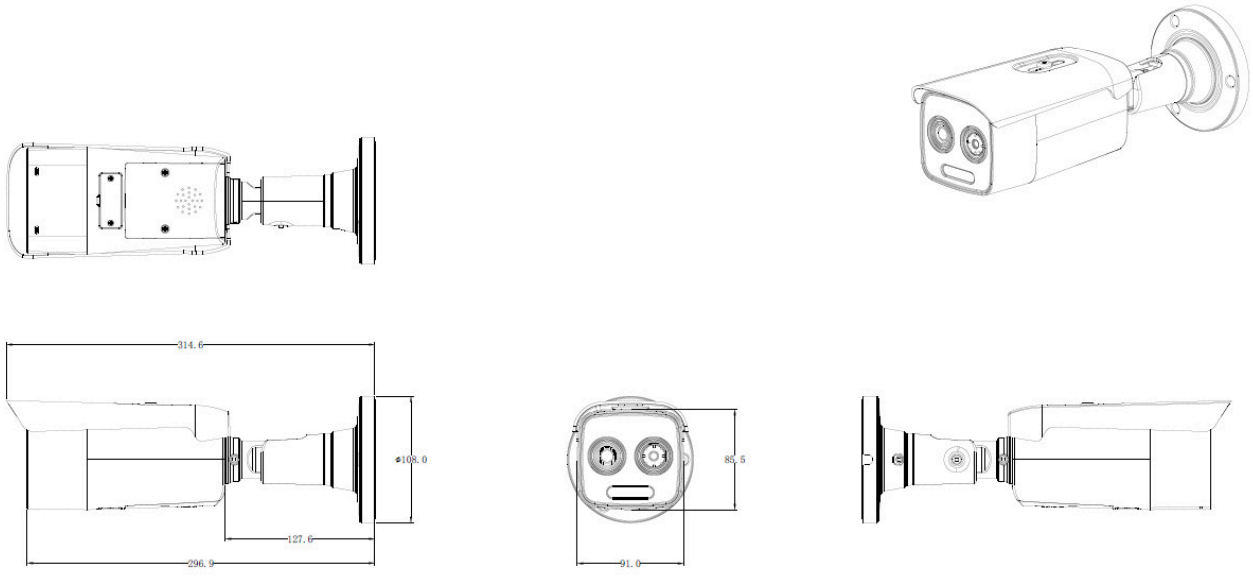
Continuation Optional Recommendations

242372	eneo NSMI-4008M0A	Gigabit Switch Industrial, Managed, 8x PoE, 2xSFP, 30W each Port, -40°C~75°C, 44~57 VDC, w/o power supply
219598	jetrics jetcat6SFTP-GN-0,5/1	
219599	jetrics jetcat6SFTP-GN-1/1	
219600	jetrics jetcat6SFTP-GN-2/1	
219601	jetrics jetcat6SFTP-GN-3/1	
219602	jetrics jetcat6SFTP-GN-7,5/1	

Optional Services

Art. Nr	Name	Product description
229234	VIDEOR CON-KAM-IPKON	Preconfiguration 1x IP camera Function test, FW update
214441	VIDEOR PAINTING SERVICE basic costs	once per RAL color and delivery lot
211123	VIDEOR PAINTING SERVICE bullet camera	in RAL color

Technical Drawing



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