eneo IND-45F0022M0A

Articlenumber: 236320

Short description

Mini Network Dome Camera Fix, 2880x1620, Day/Night, WDR, AI 2,2mm, IR, 12VDC, PoE, IP66



Key features

- 1/2.7" CMOS sensor, maximum resolution 5 MP/30fps
- AI analysis functions including object classification
- WDR 120dB, 3D-DNR noise reduction
- Fixed focal length lens 2.2mm (HFoV 156°)
- Smart Codec H.265/H.264, multi-streaming
- Browser independent (IE, Edge, Safari, Firefox, Chrome)
- Supports ONVIF profiles S/T/G/M
- Multilingual menu navigation (OSD)
- Local storage via Micro SD card
- Supports audio (built-in microphone)
- NDAA compliance
- IR LED illumination, IP66

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Features

Product Labels	
EAN/GTIN	4260229840542
Manufacturer number	236320
Series	eneo IN-Serie
Camera	
Camera shape	Minsters
Chip size	1/2,7"
Resolution standard	5 MP
Photosensitivity	0,002 Lux bei F1,6
Recording sensor	CMOS, Sensor SC500AI
System	True Day&Night
Low Speed Shutter	Yes
Manual Electric Shutter (MES)	1-5~1-20,000sec.
Flickerless function	Yes
Backlight compensation	Yes
Day/night switching	Switchable IR Filter (ICR)
Day/night mode	Automatic, Day, Night, Image, Time
White balance	Automatic, Manual
Signal-to-noise ratio	39 dB
Video	
Resolution (extended)	2880x1620 (16:9), 2592x1520 (16:9), 2304x1296 (16:9), 1920x1080 (16:9), 1280x960 (4:3), 1280x720 (16:9), 640x480 (4:3), 320x240 (4:3)
Video Compression	H.264, H.265, H.264+, H.265+, M-JPEG
Data stream types	Triple-Stream(Main/Sub/Mobile)
Image transfer rate max.	30 fps
Lens	
Lens Type	Prime lens
Focal length	2,2 mm
MOD (Minimum Object Distance)	0.2 m
Aperture Range (F)	F2.0
Vertical angle of view	81°
Horizontal angle of view	156°

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Continuation Features

Iris Control	DC
Display / Presentation	
Image resolution max.	2880x1620
DORI	
Perceiving (25px/m)	14,6 m
Watch (62px/m)	5,1 m
Detect (125px/m)	2,3 m
Identify (250px/m)	1,3 m
Features	
Multicast	Yes
Motion detector	Yes
Analysis	Intrusion (PID), Line crossing (LCD), Passage count (CC), Abandoned and Removed Objects (SOD), Heat Map (HM), Face Capture (FD), Face Recognition (FR), Crowds (CD), Queues (QD), License plate recognition (LPD), License plate recognition (LPR), Rare Sounds (RSD), Attendance (FA), Image rotation for cameras mounted at a 90° angle, Enter Region, Intrusion, Leave Region, Object Classification Human / Vehicle (PD&VD)
Alarm processing	recording internal storage (SD card), E-Mail, HTTP, FTP, TCP, UDP, Cloud Upload
Audio support	Yes
Audio	1 Way Audio, Built-in microphone
Password	Administrator and User
Internal memory	microSD card slot
Menu languages	English, German, French, Italian, Portuguese, Spanish, Turkish, Russian, Japanese
Browser	Safari, Firefox, Google Chrome, Edge
Digital Noise Reduction (DNR)	Yes
Privacy Zone	Areas-ON/OFF switchable
Network	
Security	IP address filtering, Password, Complicated password, 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, IEE 802.1
Interfaces / Inputs / Outputs	
External connections	RJ-45, micro SD card slot 256 GB
Ethernet interface	10Base-T, 100Base-TX

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Continuation Features

Control Interfaces	Ethernet
General	
Wide Dynamic Range (WDR)	WDR 120dB
Lighting	Infrared
Audio compression	G.711
Dimensions (WxHxD) (extended)	64,3x115,3mm
Weight	0.265 kg
Illumination range	Approx. 20m
Color (Housing)	RAL9003, Other colors available upon request
Color (dome)	clear
Housing type	Outside
Housing material	Aluminium, Plastic
Heating	No
Camera Type	Domecamera
Power consumption	4.5 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	1/5 ~ 1/20.000sec.
Protection	IP66, NEMA 4X
SDK	upon request
Power supply	Poe
Temperature Range (Operating)	-35°C ~ +60°C, @ Luftfeuchtigkeit 90% oder weniger (nicht kondensierend)
Text overlay	Switchable on/off
Scope of Delivery	
Scope of delivery	Quick installation guide, drilling template, 3x wall plugs with screws, 1x Torx wrench, 1x rubber gasket, 1x snagless RJ45 boot
Notes	
Remark	Face and license plate recognition require an SD card or an eneo IN recorder. For optimal results, use only eneo components. For mixed brands, we offer a compatibility check for a fee (info: item #229235 at VIDEOR).

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Further information

The facial recognition and license plate recognition functions are only available with an inserted SD card or in conjunction with an eneo IN series recorder. To ensure an optimal user experience, we recommend using only components from the same brand in a system. eneo cannot guarantee functionality if multiple brands are used together. If combined use is necessary, we offer a paid compatibility check (for more information, see item number #229235 at VIDEOR).

Optional Accessories

Art. Nr	Name	Product description
218218	eneo Site Manager	Management Software for eneo IP products
234989	eneo INsight	Control software for recorder IN- and MN-series
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

Optional Recommendations

Art. Nr	Name	Product description
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
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	

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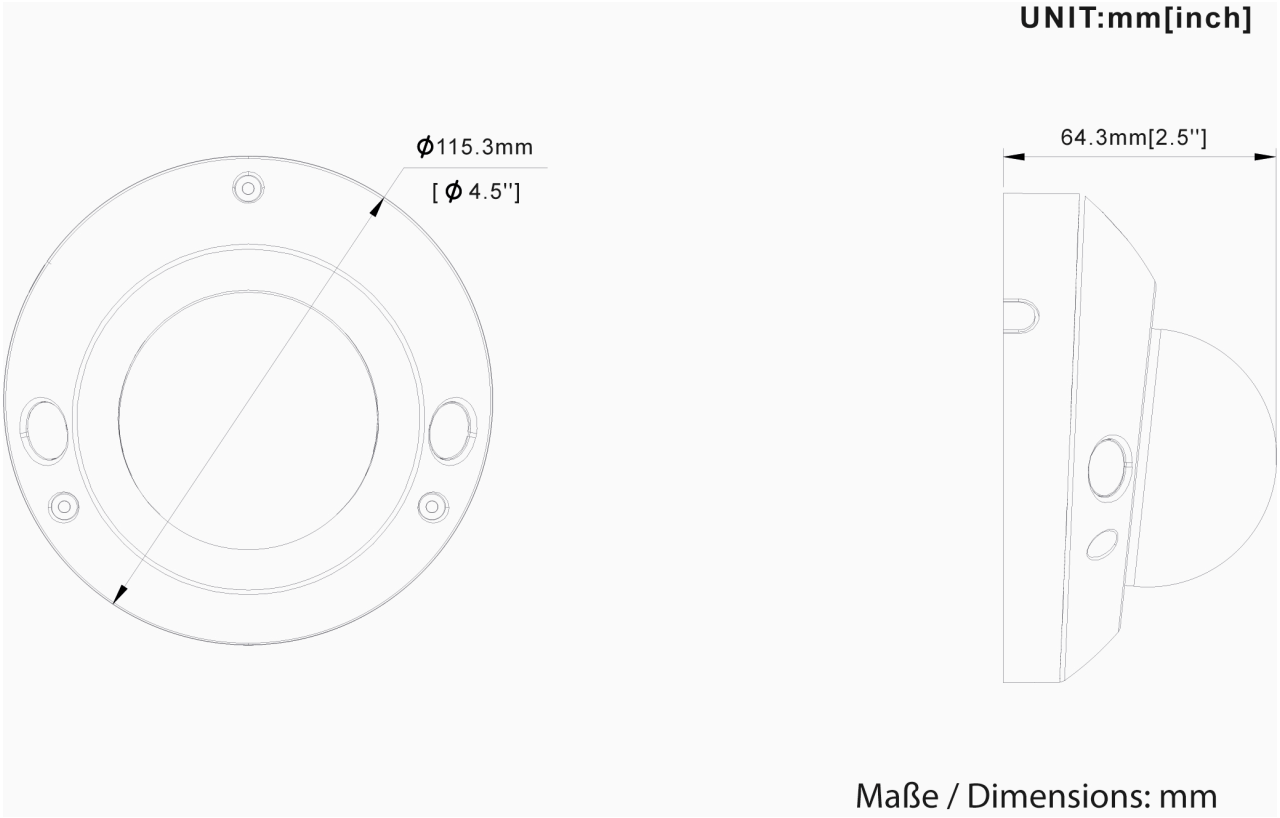
Continuation Optional Recommendations

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
211125	VIDEOR PAINTING SERVICE fix dome camera	in RAL color

Technical Drawing



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