eneo INB-68M2812MJBA

Articlenumber: 243990

Short description

Network Camera Bullet incl. junction box 3840x2160, Day/Night, WDR, AI 2,8-12mm, IR, WL, 12VDC, PoE, IP67



Key features

- 1/2.8" Sony STARVIS CMOS sensor, 8 MP/30 fps
- AI analysis functions including object classification
- Integrated connection box for quick and clean installation
- WDR 120 dB, 3D-DNR noise reduction
- Motorised varifocal lens 2.8–12mm
- Smart Codec H.265/H.264, multi-streaming
- Browser-independent (IE, Edge, Safari, Firefox, Chrome)
- Supports ONVIF profiles S/T/M/G
- Local storage via micro SD card
- Supports audio and external alarm input and output
- NDAA compliance
- IR and white light LED illumination, IP67

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Features

Product Labels	
EAN/GTIN	4260229840740
Manufacturer number	243990
Series	eneo IN-Serie
Camera	
Camera shape	Bullet
Chip size	1/2,8"
Resolution standard	8 MP
Photosensitivity	0.007 Lux bei F1.0
Recording sensor	CMOS, Chipset NT98529, Sony IMX415
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	Yes
White balance	Automatic, Manual
Video	
Resolution (extended)	3840x2160 (16:9), 2592x1944 (4:3), 2592x1520 (16:9), 2304x1296 (16:9), 1920x1080 (16:9), 1280x960 (4:3), 1280x720 (16:9), 640x480 (4:3), 320x240 (4:3)
Picture size	16:9, 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	Varifocal (motorized)
Focal length	2,8 - 12 mm
MOD (Minimum Object Distance)	1.5 m
Aperture Range (F)	F1,2
Vertical angle of view	56° - 19°
Horizontal angle of view	107° - 34°

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Continuation Features

Zoomfactor (optical)	4
Display / Presentation	
Image resolution max.	3840x2160
DORI	
Perceiving (25px/m)	63,3 - 254,7 m
Watch (62px/m)	25 - 102,4 m
Detect (125px/m)	12 - 50,4 m
Identify (250px/m)	5,6 - 25,1 m
Features	
Multicast	Yes
Motion detector	Yes
Analysis	Face Attributes (AD), Face Capture (FD), Face Recognition (FR), Heat Map (HM), License plate recognition (LPD), License plate recognition (LPR), Line crossing (LCD), Manipulation (TD), Object Classification Human / Vehicle (PD&VD), Passage count (CC), Queues (QD), Rare Sounds (RSD), Abandoned and Removed Objects (SOD), Crowds (CD), Attendance (FA), Enter Region, Leave Region, Intrusion (PID), Image rotation for cameras mounted at a 90° angle, Intrusion
Alarm processing	recording internal storage (SD card), E-Mail, HTTP, FTP, TCP, alarm out, Cloud Upload, Siren
Audio support	Yes
Audio	1/1 Line Input and Output, 2 Way Audio
Password	Administrator and User
Internal memory	microSD card slot
Menu languages	English, German, French, Italian, Portuguese, Spanish, Turkish, Japanese
Browser	MS Internet Explorer 10/11, 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, Alarm in/output, Audio input/output, micro SD card slot 256 GB
Ethernet interface	10Base-T, 100Base-TX

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Continuation Features

Alarm inputs	1
Control Interfaces	Ethernet
General	
Wide Dynamic Range (WDR)	WDR 120dB
Lighting	Infrared, Warm Light
Audio compression	G.711
Dimensions (WxHxD) (extended)	127x344.57mm
Weight	1.8 kg
Illumination range	Approx. 35m IR, approx. 30m Warm Light
Color (Housing)	RAL9003, Pantone P 179-1 / Other colors available upon request
Housing type	Outside
Housing material	Aluminium
Integrated wall mount	Yes
Camera Type	Bullet Camera
Power consumption	12 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	IP67, NEMA 4X
SDK/API	upon request
Sunshade canopy	Yes
Power supply	12VDC, 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, 1x silica gel sachet 16.3g, 4x wall plugs with screws, 2x Allen keys, 3x cable ties for strain relief, 4x adhesive foam rubber leveling washers, 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

Special feature

Easy installation thanks to integrated connection box with RJ-45 beech connection board, alternatively 8-pin connection strip for connecting a network cable, 8-pin connection strip for audio, alarm signals and power supply

Possible application examples

Car park surveillance / access roads: The variable focal length range (2,8-12 or 5–50 mm) allows distant objects to be magnified and close-up areas to be covered. The camera should be aligned so that vehicles or number plates are optimally captured.

Perimeter security / site boundaries: A combination of AI analysis functions, IR / white light and a robust housing enables monitoring even in darkness or poor lighting conditions. For very long distances, it may be necessary to combine several cameras.

Entrance areas/access gates: WDR (wide dynamic range) and lighting ensure consistent images in changing light conditions. Glare or direct sunlight should be taken into account.

Monitoring of access roads/passageways: The motorised lens allows adjustment of the field of view and zoom, e.g. for number plate recognition. Stable mounting reduces vibrations.

Commercial outdoor areas (warehouses, hall forecourts): Robust housing and analysis functions allow automatic detection of unauthorised access or movement in defined zones. Specifications for AI detection and range should be checked.

Security monitoring in industrial facilities: Particularly suitable for outdoor areas with harsh environmental conditions (dust, moisture, temperature fluctuations). Image quality may be impaired by highly reflective surfaces, fog or dust – additional lighting may be necessary.

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
245575	eneo PM-23	Pole mounting adapter V2A stainless steel, for Bullet cameras INB-68M2812MJBA and INB-68M0550MJBA
245817	eneo CM-23	Corner mounting adapter V2A stainless steel, for Bullet cameras INB-68M2812MJBA and and INB-68M0550MJBA

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

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Continuation Optional Recommendations

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	
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	

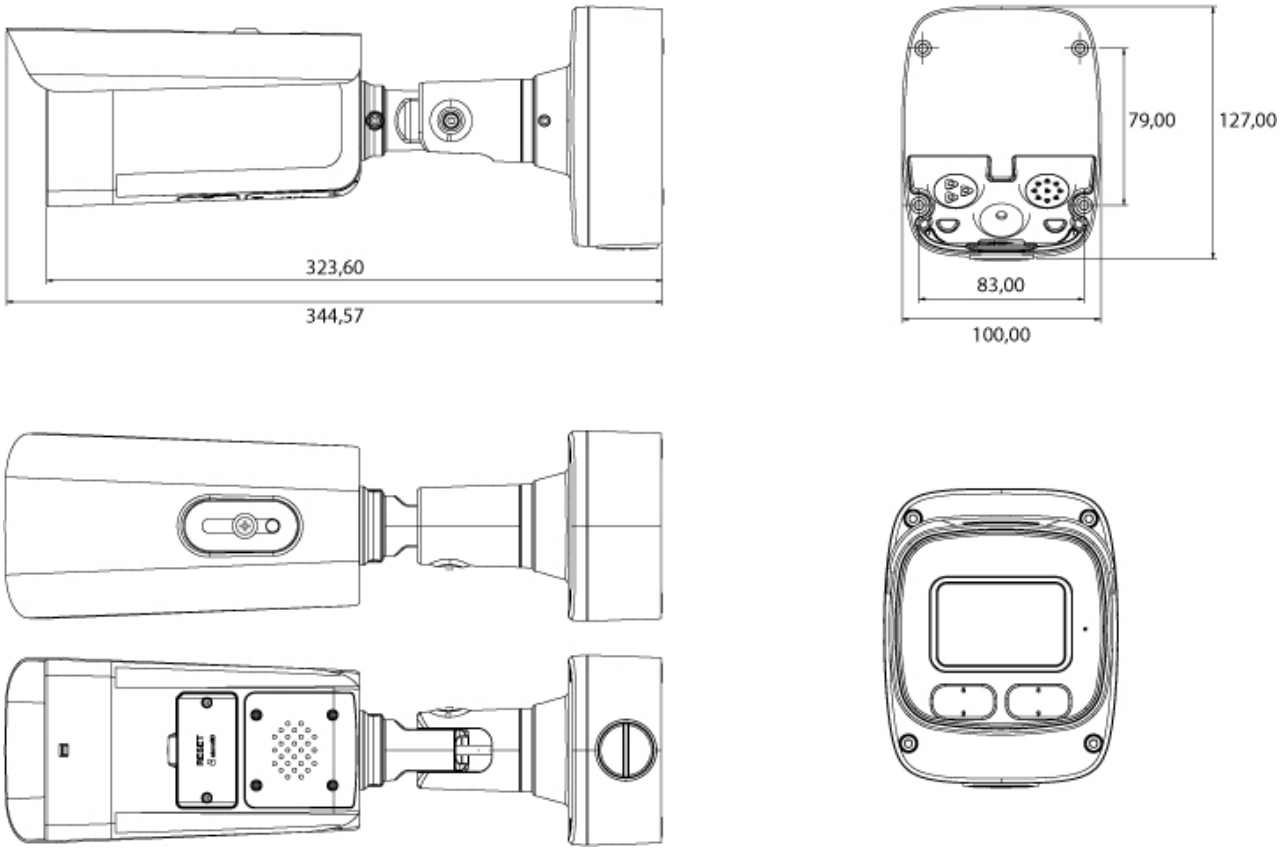
Optional Services

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

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Technical Drawing

Maße / Dimensions: mm



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