eneo MCB-72M2713M0B

Articlenumber: 243650

Short description

HD Analogue Camera Bullet, Day&Night, 1920x1080, Infrared, WDR, 2.7-13,5mm, 12/24V, IP67



Key features

- 1/2.8" 2 megapixel SONY STARVIS 2 CMOS sensor
- Resolution max. 1920x1080 (Full HD)
- Integrated connection box with circuit board
- Simple and tidy wiring
- Separate outputs for digital and multi-signal
- Multisignal: HD-TVI, AHD, CVI and Composite selectable
- Digital signal: EX-SDI, HD-SDI selectable
- Motorized lens 2.7 ~ 13,5mm
- Removable infrared cut filter
- ROI (Region of Interest) WDR mode
- Integrated motion detector, defog, privacy zones
- IR illumination switchable via OSD menu

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes

Features

Product Labels	
EAN/GTIN	4260229841389
Manufacturer number	243650
Series	eneo COAXIZE
Camera	
Camera shape	Bullet
Chip size	1/2,8"
Photosensitivity	0.005Lux(Day mode), 0.0005Lux(Night mode)
Recording sensor	CMOS
System	True Day&Night
Low Speed Shutter	Yes
Flickerless function	Yes
Backlight compensation	Yes
Day/night switching	Switchable IR Filter (ICR)
Day/night mode	Automatic, Day, Night, extern (Sensor)
White balance	Automatic, Preset, Manual, AUTOext
Signal-to-noise ratio	50 dB
Video	
Signal Format	Composite (FBAS), HD-TVI @ 2MP, AHD @ 2MP, EX-SDI @ 2MP, HD-SDI @ 2MP
Resolution (extended)	1920x1080, 1280x720, 720x576, 720x480
Lens	
Lens Type	Varifocal (motorized)
Focal length	2,7 - 13,5 mm
Zoom Factor (Digital)	0
Aperture Range (F)	F1.6
Vertical angle of view	54 - 18°
Horizontal angle of view	101 - 32°
Iris Control	DC
Zoomfactor (optical)	4
Display / Presentation	
Image resolution max.	1920x1080

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes

Continuation Features

DORI	
Perceiving (25px/m)	35,9 - 123,3 m
Watch (62px/m)	14 - 49,8 m
Detect (125px/m)	6,6 - 24,6 m
Identify (250px/m)	3,2 - 12,2 m
Features	
Motion detector	Yes
Analysis	Defog
Menu languages	German, English, French, Chinese, Japanese, Korean
Digital Noise Reduction (DNR)	Yes
Interfaces / Inputs / Outputs	
Video Outputs	HD-TVI, AHD, CHD, Composite (FBAS), HD-SDI
External connections	voltage input, 1x SDI Signal (BNC), 1x HD/SD Analog Signal (BNC), connection cable approx.100cm
Alarm inputs	0
Number of alarm outputs	0
Control Interfaces	Coaxitron (HD Protocol)
Interface Protocols	UTC (HD Signal Format)
General	
Wide Dynamic Range (WDR)	D-WDR
Lighting	Infrared
Dimensions (WxHxD) (extended)	130,5x108x318,4
Weight	1.65 kg
Illumination range	ca. 60m
Color (Housing)	Pantone Cool Gray 1C
Housing type	Outside
Housing material	Aluminium
Heating	No
Integrated wall mount	Yes
Power consumption	8.5 W
Mounting type	Wall, Ceiling
Protection	IP67

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes

Continuation Features

Sunshade canopy	Yes
Power supply	12VDC
Temperature Range (Operating)	-30°C ~ +50°C, @ Luftfeuchtigkeit 20%-80% (nicht kondensierend)
Text overlay	available
Scope of Delivery	
Scope of delivery	Quick installation guide, drilling template, 4 wall plugs with screws, 2 grommets, 1 Allen wrench, 4-pin terminal block, video sub-output cable, 1 hinge pin, cable mounting plate with mounting screw, 2 cable ties
Notes	
Remark	NDAA compliance under Section 889

Further information

Sony STARVIS 2

Improved low-light performance (especially with HDR)

STARVIS 2 offers significantly improved performance in low light, especially with high dynamic range (HDR). It has been specially optimised for backlit situations and night scenes with high contrast.

Higher dynamic range (High Dynamic Range)

STARVIS 2 achieves up to 88 dB real dynamic range (Single Exposure) according to Sony - that's more than the original STARVIS. This helps to better display details in dark AND bright areas at the same time - without 'burning out' or 'drowning out' the image areas.

Uniform brightness across the image field

STARVIS 2 reduces the so-called vignetting effect (edge darkening) that can occur with BSI sensors. This means a more even image brightness, even in poorly lit conditions.

Better colour reproduction in low light

STARVIS 2 offers a more natural colour reproduction at night - colours appear less washed out or monochromatic. Particularly relevant for forensic applications (e.g. clothing, vehicles, skin tones).

Optional Accessories

Art. Nr	Name	Product description
202641	eneo PM-42A	Pole mount adaptor for eneo Candid, Candid S, Candid M, WB1, AK-5, AK-4

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes

Optional Recommendations

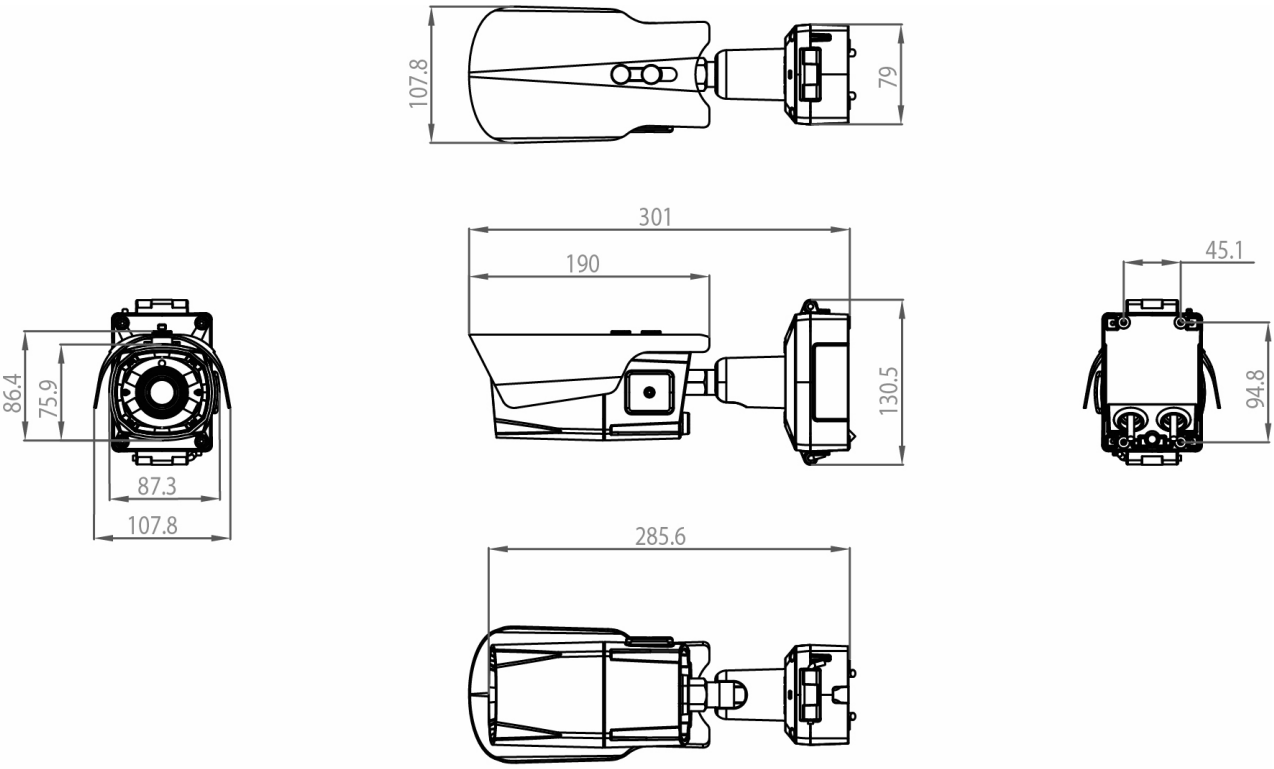
Art. Nr	Name	Product description
212984	eneo TVA-1201TRA	UTP Transmitter+Receiver, UTP, BNC, 250m, Indoor, HD TVI CVI, AHD, CVBS, Active, 12V
212985	eneo TVA-1201TRP	UTP Transmitter+Receiver, UTP, BNC, 150m, Indoor, HD TVI CVI, AHD, CVBS, Passive
220299	eneo MAM-5MM1001M0A	Converter, HD-CVI, HD-TVI, AHD, Composite to HDMI, VGA, Composite, Indoor
225085	eneo MAM-5DC1004M0A	Distributor, 1x BNC Input HD-TVI, CVI, AHD, CVBS, 4x BNC Output
207599	jetrics cable BNC BS-BS-1	Videokabel mit 2 x BNC-Stecker 1m, 75 Ohm
207600	jetrics cable BNC BS-BS-2	Videokabel mit 2 x BNC-Stecker 2m, 75 Ohm
207601	jetrics cable BNC BS-BS-3	Videokabel mit 2 x BNC-Stecker 3m, 75 Ohm
207602	jetrics cable BNC BS-BS-3	Videokabel mit 2 x BNC-Stecker 5m, 75 Ohm
212764	SeeEyes SC-MFM07HD	Test Monitor, Multiformat, for Service, HD-TVI/CVI/AHD, HD-SDI, EX-SDI, FBAS, HDMI
215912	SeeEyes SC-04MHD	Quad Splitter, 1920x1080, Composite, AHD, TVI, CVI Input Composite, HDMI, VGA Output

Optional Services

Art. Nr	Name	Product description
211123	VIDEOR PAINTING SERVICE bullet camera	in RAL color
214441	VIDEOR PAINTING SERVICE basic costs	once per RAL color and delivery lot
229233	VIDEOR CON-KAM-AKON	Preconfiguration 1x analog camera Function test, FW update

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes

Technical Drawing



Maße / Dimensions: mm

eneo is a registered trademark of
VIDEOR E. Hartig GmbH
Carl-Zeiss-Straße 8
63322 Rödermark, Deutschland

Phone: +49 6074 - 888 - 300
Fax: +49 6074 - 888 - 100
E-Mail: info@eneo-security.com
Web: www.eneo-security.com

© Copyright VIDEOR E. Hartig GmbH - November 2026 - Subject to technical changes