eneo MSM-42F0028M0B

Articlenumber: 243653

Short description

1/2.8" HD Board Camera, Colour, 1920x1080, 2,8mm, WDR, Housing, 12VDC



Key features

- 1/2,8" 2 Megapixel SONY STARVIS 2 CMOS-Sensor
- Super low light performance by Sony STARVIS 2 technology
- Board Camera with rugged metal cabinet
- Resolution max. 1920x1080 (Full HD)
- Separate outputs for digital and multi-signal
- Multisignal: HD-TVI, AHD, CVI and Composite selectable
- Digital signal: EX-SDI, HD-SDI selectable
- Fixed 2.8mm
- Electronic Day/Night function
- ROI (Region of Interest) WDR mode
- Integrated motion detector, defog, privacy zones

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Features

Product Labels	
EAN/GTIN	4260229841358
Manufacturer number	243653
Series	eneo COAXIZE
Camera	
Camera shape	Module
Chip size	1/2,8"
Photosensitivity	0,2Lux@F2,3
Recording sensor	CMOS
System	Color
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-SDI @ 2MP, AHD @ 2MP, EX-SDI @ 2MP
Resolution (extended)	1920x1080, 1280x720, 720x576, 720x480
Lens	
Lens Type	Prime lens
Focal length	2,8 mm
Zoom Factor (Digital)	0
Vertical angle of view	48°
Horizontal angle of view	97°
Iris Control	DC
Display / Presentation	
Image resolution max.	1920x1080
DORI	
Perceiving (25px/m)	45,9 m
Watch (62px/m)	18 m

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Continuation Features

Detect (125px/m)	8,8 m
Identify (250px/m)	4,2 m
Features	
Motion detector	Yes
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)
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
Dimensions (WxHxD) (extended)	37x37,8x27mm
Weight	0.11 kg
Color (Housing)	black
Housing type	Inside
Housing material	Aluminium
Camera Type	Board Camera
Power consumption	1.5 W
Mounting type	Wall, Ceiling
Power supply	12VDC
Temperature Range (Operating)	-10°C ~ +50°C, @ Luftfeuchtigkeit 20%-80% (nicht kondensierend)
Text overlay	available
Scope of Delivery	
Scope of delivery	Quick Installation Guide, 2x mounting screws, OSD menu control board, video sub-output cable
Notes	
Remark	NDAA compliance under Section 889

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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 Recommendations

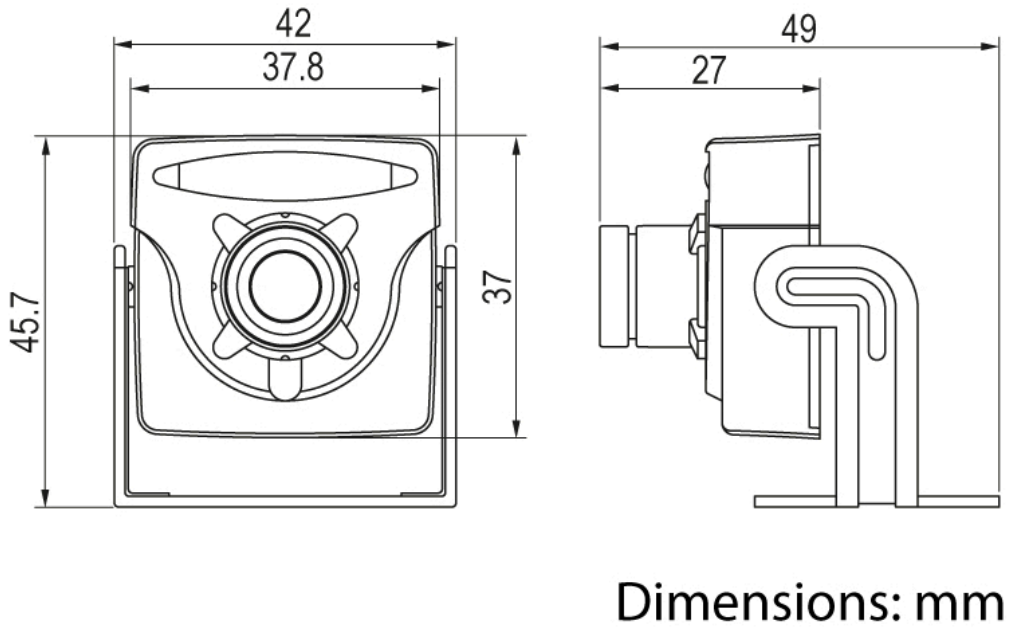
Art. Nr	Name	Product description
212984	eneo TVA-1201TRA	UTP Transmitter+Receiver, UTP, BNC, 250m, Indoor, HD TVI CVI, AHD, CVBS, Active, 12V
212985	eneo TVA-1201TRP	UTP Transmitter+Receiver, UTP, BNC, 150m, Indoor, HD TVI CVI, AHD, CVBS, Passive
220299	eneo MAM-5MM1001M0A	Converter, HD-CVI, HD-TVI, 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
230068	jetrics jetpower-PSU-XS-11C Steckernetzteil	

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Optional Services

Art. Nr	Name	Product description
229233	VIDEOR CON-KAM-AKON	Preconfiguration 1x analog camera Function test, FW update

Technical Drawing



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