eneo MSM-42F0028M0B

SKU: 243653
EAN: 4260229841358

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

Main 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

Specifications

General	
Dimensions (WxHxD) (extended)	37x37,8x27mm
Weight	0.11 kg
Text overlay	available
Color (Housing)	black
Housing type	Inside
Housing material	Aluminium
Camera Type	Board Camera
Power consumption	1.5 W
Mounting type	Ceiling, Wall

© Copyright VIDEOR E. Hartig GmbH - October 2026 - technical changes reserved

eneo MSM-42F0028M0B

Continuation of the specifications

Power supply	12VDC
Temperature Range (Operating)	-10°C ~ +50°C,@ Luftfeuchtigkeit 20%-80% (nicht kondensierend)
Wide Dynamic Range (WDR)	D-WDR
Camera	
Backlight compensation	Yes
Low Speed Shutter	Yes
Recording sensor	CMOS
Chip size	1/2,8"
Flickerless function	Yes
Camera shape	Module
Signal-to-noise ratio	50 dB
Day/night mode	Automatic,Day,Night,extern (Sensor)
White balance	Automatic,Preset,Manual,AUTOext
Photosensitivity	0,2Lux@F2,3
System	Color
Day/night switching	Switchable IR Filter (ICR)
Display	
Image resolution max.	1920x1080
DORI	
Watch (62px/m)	18 m
Detect (125px/m)	8,8 m
Identify (250px/m)	4,2 m
Perceiving (25px/m)	45,9 m
Functions	
Motion detector	Yes
Digital Noise Reduction (DNR)	Yes
Menu languages	Chinese, English, French, German, Japanese, Korean
Notes	
Remark	NDAA compliance under Section 889
Interfaces / Inputs/ Outputs	
Alarm inputs	0
Number of alarm outputs	0
External connections	voltage input,1x SDI Signal (BNC),1x HD/SD Analog Signal (BNC)
Interface Protocols	UTC (HD Signal Format)
Control Interfaces	Coaxitron (HD Protocol)
Video Outputs	AHD, Composite (FBAS)
Parts supplied	
Scope of delivery	Quick Installation Guide,2x mounting screws,OSD menu control board,video sub-output cable

© Copyright VIDEOR E. Hartig GmbH - October 2026 - technical changes reserved

eneo MSM-42F0028M0B

Continuation of the specifications

Lens	
Horizontal angle of view	97°
Vertical angle of view	48°
Focal length	2,8 mm
Lens Type	Prime lens
Zoom Factor (Digital)	0
Video	
Resolution (extended)	1920x1080,1280x720,720x576,720x480
Signal Format	AHD @ 2MP, Composite (FBAS), EX-SDI @ 2MP, HD-SDI @ 2MP
Product labeling:	
EAN/GTIN	4260229841358
Manufacturer order number	243653
Series	eneo COAXIZE

Optional Services

SKU	Name	Description
229233	Vorkonfiguration analoge Kamera	Preconfiguration 1x analog camera Function test, FW update

Your contact person

VIDEOR E. Hartig GmbH
Carl-Zeiss-Straße 8
63322 Rödermark
Germany

© Copyright VIDEOR E. Hartig GmbH - October 2026 - technical changes reserved