

# MSM-42F0037MPA

SKU: 217646



1/2.8" HD Board Camera, Colour, 1920x1080, 3.7mm, Pinhole, WDR, Housing, 12VDC

## Main Features

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 1/2,8" 2 Megapixel SONY STARVIS CMOS-Sensor            | Digital signal: EX-SDI, HD-SDI selectable        |
| Board Camera with rugged metal cabinet                 | Pinhole lens 3.7mm                               |
| Resolution max. 1920x1080 (Full HD)                    | Electronic Day/Night function                    |
| Separate outputs for digital and multi-signal          | ROI (Region of Interest) WDR mode                |
| Multisignal: HD-TVI, AHD, CVI and Composite selectable | Integrated motion detector, defog, privacy zones |

## Specifications

|                       |                           |
|-----------------------|---------------------------|
| General:              |                           |
| Dimensions (HxWxD)    | 37x37,8x21,5mm            |
| Text display          | supplied                  |
| Series                | eneo COAXIZE              |
| Camera Type           | Board Camera              |
| Housing               | Indoor                    |
| Color (housing)       | black                     |
| Hosuing material      | Metal                     |
| Mounting              | Ceiling mount, Wall mount |
| Supply voltage        | 12VDC                     |
| Power consumption     | 1.8W                      |
| Operating temperature | -10°C ~ +50°C             |

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## Continuation of the specifications

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| Weight                             | 110g                                                           |
| DORI:                              |                                                                |
| Observe (62 px/m)                  | 21 m                                                           |
| Recognize (125 px/m)               | 11 m                                                           |
| Identify (250 px/m)                | 5 m                                                            |
| Detect (25px/m)                    | 59 m                                                           |
| Functions:                         |                                                                |
| Motion detector                    | yes                                                            |
| OSD function control               | OSD camera setup                                               |
| Menu languages                     | German,English,Chinese,Japanese,Korean                         |
| Mirror function                    | mirror                                                         |
| Privacy zone masking               | Areas-ON/OFF switchable                                        |
| Camera:                            |                                                                |
| Imager                             | Sony STARVIS,Sensor IMX291,CMOS, CMOS                          |
| Automatic electronic shutter (ESC) | 1/25 ~ 1/30.000sec.                                            |
| Flickerless function               | yes                                                            |
| Backlight compensation             | BLC,HLC                                                        |
| Low speed shutter                  | yes                                                            |
| Manual electronic shutter (MES)    | 1/25 ~ 1/30.000sec                                             |
| Signal-to-noise ratio              | 50dB                                                           |
| Day&Night mode                     | not available                                                  |
| White balance                      | Automatic,Preset,Manual                                        |
| Wide Dynamic Range (WDR)           | Real Time WDR 25/30fps,WDR 113dB, WDR 113dB                    |
| System                             | colour                                                         |
| Sensor size                        | 1/2.8"                                                         |
| Day&Night switch                   | no                                                             |
| Sensitivity                        | 0,08 Lux at F1,4, 40 IRE                                       |
| Camera type                        | Modul                                                          |
| Parts supplied:                    |                                                                |
| Parts supplied                     | manual,mounting accessories                                    |
| Lens:                              |                                                                |
| Lens Type                          | fixed focal length                                             |
| Focal Length                       | 3,7 mm                                                         |
| Iris Control                       | no                                                             |
| Digital Zoom                       | no                                                             |
| MOD (Mininum Object Distance)      | 0,5 m                                                          |
| Interfaces / Inputs/ Outputs:      |                                                                |
| External connectors                | voltage input,1x SDI Signal (BNC),1x HD/SD Analog Signal (BNC) |
| Serial interfaces protocols        | UTC (HD-Signal Format)                                         |
| Video outputs                      | AHD, Composite (CVBS), CVI, EX-SDI, HD-SDI, HD-TVI             |

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## Continuation of the specifications

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| Alarm inputs              | no                                                                                           |
| Alarm outputs             | no                                                                                           |
| Serial interfaces         | Coaxitron (HD Protocol)                                                                      |
| Video:                    |                                                                                              |
| Signal format             | AHD @ 2MP, Composite (FBAS), CVI @ 2MP, EX-SDI (270 Mbps), HD-SDI (1.485 Gbps), HD-TVI @ 2MP |
| Frame rate                | 25/30fps @ 1920x1080p, 50/60fps @ 1280x720p                                                  |
| Other                     |                                                                                              |
| Remarks                   | NDAA compliance under Section 889                                                            |
| Resolution Pixels         | 1280x720, 1920x1080, 720x576                                                                 |
| Low Speed Shutter         | yes                                                                                          |
| Backlight Compensation    | BLC, HLC                                                                                     |
| Motion Detector           | yes                                                                                          |
| Horizontal Angle of View  | 82°                                                                                          |
| Vertical Angle of View    | 42°                                                                                          |
| Manufacturer order number | 217646                                                                                       |

## Optional Accessory

| SKU    | Name           | Description                                                                          |
|--------|----------------|--------------------------------------------------------------------------------------|
| 225085 | MAM-5DC1004M0A | Distributor, 1x BNC Input HD-TVI, CVI, AHD, CVBS, 4x BNC Output                      |
| 220299 | MAM-5MM1001M0A | Converter, HD-CVI, HD-TVI, AHD, Composite to HDMI, VGA, Composite, Indoor            |
| 236125 | MAM-5MM2203M0A | Converter, 4K HD-TVI, HD-CVI, AHD, auf HDMI, Indoor 12VDC                            |
| 218653 | PS12DC-11      | Plug-in Power Supply Unit, 100-240VAC/12VDC (1,0A), regulated, with DC Plug          |
| 212984 | TVA-1201TRA    | UTP Transmitter+Receiver, UTP, BNC, 250m, Indoor, HD TVI CVI, AHD, CVBS, Active, 12V |
| 212985 | TVA-1201TRP    | UTP Transmitter+Receiver, UTP, BNC, 150m, Indoor, HD TVI CVI, AHD, CVBS, Passive     |



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