MPB-72M2812M0A

Article number: 217277
1/2.8" HD Camera, Day&Night, 1920x1080, Infrared, WDR, 2.8-12mm, 12/24V, IP67

1/2.8" 2 Megapixel SONY STARVIS CMOS sensor
Resolution max. 1920x1080 pixels (Full HD)
Separate outputs for digital and multi-signal
Multisignal: HD-TVI, AHD, CVI and Composite selectable
Digital signal: EX-SDI, HD-SDI selectable
Motorized lens 2.8 ~ 12mm
Removable infrared cut filter
ROI (Region of Interest) WDR mode
Integrated motion detector, defog, privacy zones
IP67, built heater
Easy installation, central locking screw
IR illumination switchable via OSD menu

Specifications

**Camera:**
- Camera type: Bullet
- Sensor size: 1/2.8"
- Imager: CMOS, Sony STARVIS, Sensor IMX291
- System: True Day&Night
- Sensitivity: 0,08 Lux, at F1.4, 40IRE
- Low speed shutter: yes, manual time preselection
- Automatic electronic shutter: 1/25 ~ 1/30.000sec
- Wide Dynamic Range (WDR): WDR 113dB, Real Time WDR 25/30fps
- Flickerless function: yes
- Backlight compensation: BLC, HLC
- DayNight switching: auto, day, night
- IR cut filter: switchable
- White balance: automatic, Preset, manual
- Signal-to-noise ratio: 50dB

**Video:**
- Signal format: Composite (FBAS), HD-TVI @ 2MP, AHD @ 2MP, CVI @ 2MP, EX-SDI (270 Mbps), HD-SDI (1.485 Gbps)
- Frame rate: 25/30fps @ 1920x1080p, 50/60fps @ 1280x720p
- Synchronization: internal

**Lens:**
- Lens type: Varifocal (motorized)
- Zoom factor: 4x
- Focal length: 2.8 - 12 mm
- Digital zoom: no
- MOD (Minimum object distance): 0,5 m
- Aperture range (F): F1.4
- Iris control: DC
- Resolution pixels: 1920x1080, 1280x720, 720x576
- Vertical angle of view: 53° - 19°
- Horizontal angle of view: 100° - 38°
- Video standard: PAL/NTSC, UTC (HD signal format)

**DORI:**
- Detection (25 px/m): 47° - 128 m
- Observation (62 px/m): 18° - 52 m
- Recognition (125 px/m): 8° - 25 m
- Identification (250 px/m): 4° - 12 m

**Features:**
- Motion detector: yes

**Analysis functions:**
- Defog
- OSD function control
- OSD camera setup

**Menu languages:**
- German, English, Chinese, Japanese, Korean

**Privacy zones masking:**
- Areas-ON/OFF switchable

**Mirror function:**
- mirror, V Flp

**Digital Noise Reduction (DNR):**
- yes

**Video outputs:**
- HD-TVI, AHD, CVI, composite (CVBS), EX-SDI, HD-SDI

**External connections:**
- Voltage input, 1x SDI Signal (BNC), 1x HD/SD Analog Signal (BNC), connection cable approx.100cm

**Alarm inputs:**
- no

**Alarm outputs:**
- no

**Serial interfaces:**
- Coaxitron (HD Protocol)

**Serial interfaces protocols:**
- UTC (HD signal format)

**General:**
- Series: eneo KK Series, eneo COAXIZE, eneo Candid Medium
- Dimensions (HxWxD): 100x107,8x277mm
- Illumination: infrared, 5x High Power LEDs 850nm
- Illumination range: approx. 60m
- Colour (housing): Pantone Cool Gray 1C
- Housing: outdoor
- Housing material: aluminium
- Weight: 1.35kg
- Integrated wall mount: yes
- Power consumption: 10.5W
- Mounting: wall mount, ceiling mount
- Window heater: yes
- Protection rating: IP67
- Hidden cable management: yes
- Sunshield: yes
- Supply voltage: 12VDC, 24VAC
- Temperature range (operation): -30°C ~ +50°C
- Temperature range (heater deactivated): -20°C ~ +50°C
- Text display: supplied
- Vandalism resistant: no

**Scope of delivery:**
- Parts supplied: manual, drilling template, bag of screws

**Related Products**
- PM-42A|SKU: 202641
- AK-4|SKU: 202888
- PS12DC-1|SKU: 218653
- MAM-5DC1004M0A|SKU: 225085
- MAM-5MM2001M0A|SKU: 225135

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