eneo MPC-52A0030M0A

Articlenumber: 240897

Short description

1/2.8" HD Camera, 1920x1080, 30x AF Zoom 4,6-136mm, T-WDR, HD-SDI, EX-SDI, TVI, Composite



Key features

- 1/2.8" 2.0 megapixel Sony CMOS sensor
- Resolution max. 1920x1080, 1080p@60/50fps
- Optical 30x auto focus zoom, 4.6~136mm
- Multisignal outputs HD-SDI, EX-SDI, TVI, Composite
- WDR 120dB, DNR, motion detector
- Digital noise reduction (2D+3D)
- Image stabilization, privacy masking, defog
- Slow speed shutter
- Compact design
- 12VDC power supply

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Features

Product Labels	
EAN/GTIN	4260229841839
Manufacturer number	240897
Camera	
Camera shape	Zoom cameras
Chip size	1/2,8"
Photosensitivity	0,5 Lux bei F1,6, 50 IRE
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	AUTO, One push, Manual, Indoor, Outdoor
Signal-to-noise ratio	50 dB
Video	
Signal Format	HD-TVI @ 2MP, EX-SDI @ 2MP, HD-SDI @ 2MP, Composite (FBAS)
Resolution (extended)	1920x1080, 1280x720
Horizontal resolution	700 TVL
Lens	
Lens Type	Auto Focus Zoom
Focal length	4,6 - 136 mm
Zoom Factor (Digital)	0
Aperture Range (F)	F1.63-F4.85
Vertical angle of view	38,3 - 1,3°
Horizontal angle of view	65,4 - 2,2°
Iris Control	DC
Zoomfactor (optical)	30
Display / Presentation	
Image resolution max.	1920x1080

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Continuation Features

DORI	
Perceiving (25px/m)	70,3 - 1800 m
Watch (62px/m)	27,8 - 800 m
Detect (125px/m)	12,4 - 400 m
Identify (250px/m)	5,6 - 190 m
Features	
Motion detector	Yes
Analysis	Motion Detection
Menu languages	English, Japanese, Chinese
Digital Noise Reduction (DNR)	Yes
Interfaces / Inputs / Outputs	
Video Outputs	HD-TVI, HD-SDI, Composite (FBAS)
External connections	1x SDI Signal (BNC), 1x HD/SD Analog Signal (BNC), 12VDC power input, RS-485, external day&night switching, Alarm output
Number of alarm outputs	1
Control Interfaces	RS-485, Coaxitron (HD Protocol)
Interface Protocols	Pelco P, Pelco D, UTC (HD Signal Format)
General	
Wide Dynamic Range (WDR)	WDR 120dB
Lighting	No
Dimensions (WxHxD) (extended)	74,4x67,4x130,1mm
Weight	0.57 kg
Color (Housing)	silvermetallic, black
Housing type	Inside
Housing material	Aluminium
Power consumption	6 W
Power supply	12VDC
Temperature Range (Operating)	-10°C ~ +50°C
Text overlay	available
Scope of Delivery	
Scope of delivery	manual

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Further information

The camera offers a wide range of applications that are particularly suitable for areas where high image quality, flexibility in video outputs and special image enhancement functions are required. Here are some possible application scenarios:

1.Monitoring large areas

- **30x optical zoom:** The zoom enables monitoring of large areas, such as parking lots, stadiums or port areas. Objects can be detected from a great distance with great detail. An additional housing is required for outdoor use.
- **Full HD resolution (1920x1080):** The high resolution at 60/50fps ensures that movements are displayed smoothly and with many details.

2. Traffic monitoring

- **Motion detector and image stabilization:** These functions are ideal for use at traffic monitoring points. The motion detector can automatically react to vehicle movements, while the image stabilization compensates for vibrations, e.g. when mounted on masts.
- **Slow Speed Shutter:** This feature could be useful for capturing more details in low light conditions.

3. Industrial Security and Monitoring

- **WDR (Wide Dynamic Range):** In highly lit or high contrast environments, such as factory floors or facilities with high light/shadow changes, WDR helps to clearly display details in both bright and dark areas of the image.
- **Defog:** This feature improves image quality in fog or dust, which is particularly beneficial for industrial applications in harsh environments.
- **Multi-signal outputs:** The versatility of the video outputs (HD-SDI, EX-SDI, TVI, Composite) makes the camera compatible with a wide range of transmission systems, which is important in complex industrial infrastructures.

4. Urban Surveillance (Smart City)

- **Privacy Masking:** This feature allows you to hide certain areas in the image to maintain data protection guidelines in urban environments, e.g. when monitoring public places where private zones such as windows of residential buildings must be excluded.

5. Surveillance in transport

- **Compact design:** The small size of the camera is ideal for use in confined spaces, such as public transport, trains or buses.
- **HD-SDI and EX-SDI interfaces:** These enable lossless transmission of high-resolution video over long distances, which is particularly useful in the area of trains or buses.

6. Banks and casinos

- **High image quality and 30x zoom:** In sensitive areas such as banks or casinos where detailed observation is necessary, the zoom allows even small details to be recognized, e.g. money transactions or the behaviour of guests.
- **Digital noise reduction (2D+3D):** This technology improves image quality in poorly lit areas, making surveillance easier in dim lighting.

The camera is particularly versatile due to its high resolution, advanced image processing techniques and various video output options. It is suitable for demanding surveillance tasks in areas with different lighting conditions, long distances or special requirements for image quality.

Optional Accessories

Art. Nr	Name	Product description
219504	eneo WD-30	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Pantone Cool Grey 1C

Optional Recommendations

Art. Nr	Name	Product description

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Continuation Optional Recommendations

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

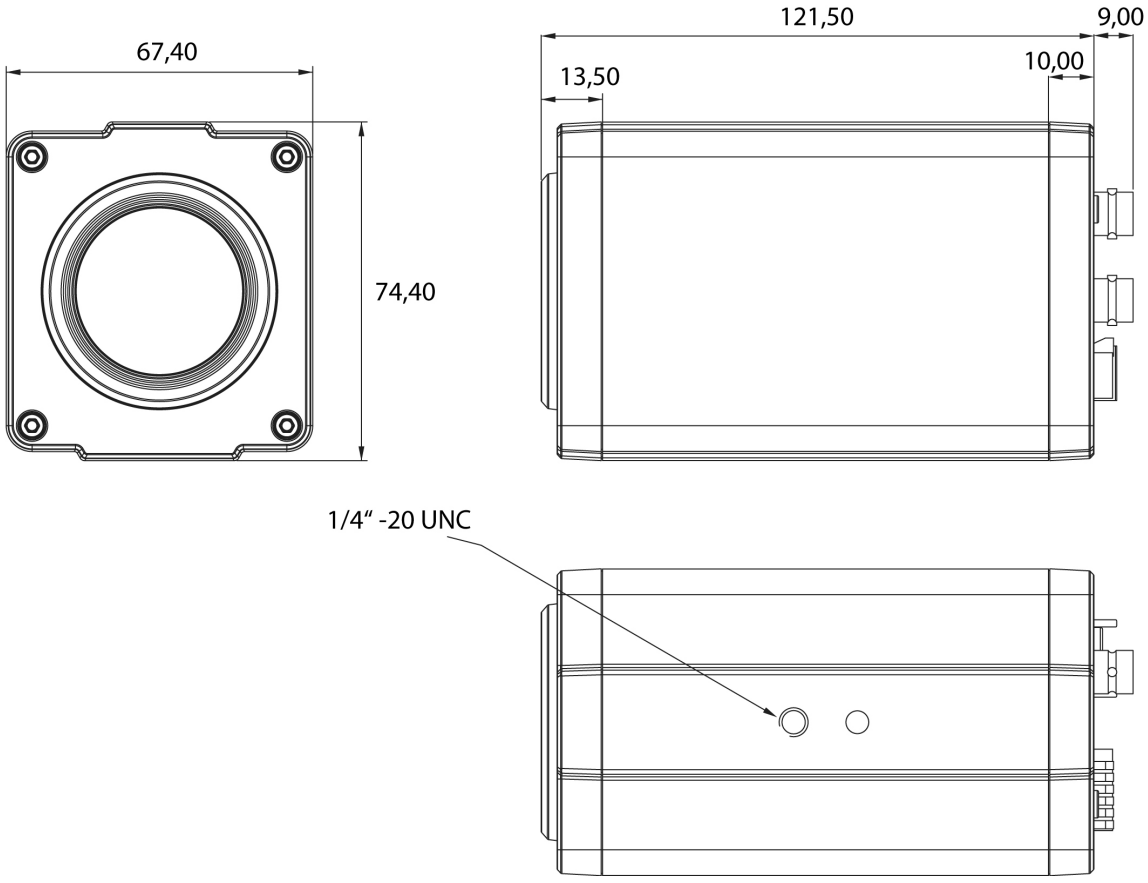
Optional Services

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

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Technical Drawing

Maße / Dimensions in mm



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