



Industrial Event Camera

VOC12M-F356-B12-V1D-CR2P

- Web interface for easy access to image and video files and livestream, including simultaneous display of up to 10 camera feeds
- Video ring buffer with a pre-run buffer for automatic recording of video up to 900 seconds before and after a situation that requires fault analysis or documentation
- Versatile recording triggering via UDP, REST API, hardware input, or automatically in response to motion, brightness changes, camera acceleration, or events from other cameras
- Find situations of interest quickly due to timestamped events
- REST API for full HMI integration of all camera functions
- Precise image control through digital zoom and targeted masking of irrelevant image areas
- Blurring of faces for improved data protection
- Precise person recognition for targeted detection

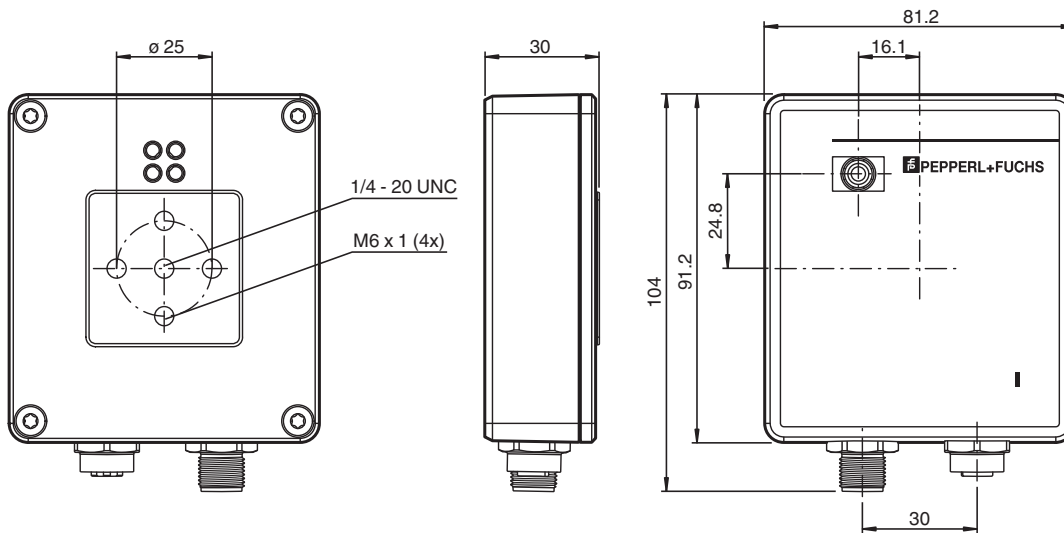
Event camera for recording video sequences with Livestream function.



Function

The industrial event camera enables efficient remote diagnostics and automatic documentation through event-controlled video recordings. In the event of a trigger signal, the device specifically saves a sequence that covers the period before and after the event, making it easier to quickly analyze the cause. Designed for harsh industrial environments, the camera uses this method to ensure lean data streams and can be installed flexibly thanks to its large field of view.

Dimensions



Technical Data

General specifications

Depth of focus	0.1 m ... infinite
Field of view	see table
Focal length	2.75 mm
Aperture	F2.2
Horizontal angle of view	102 °
Vertical angle of view	67 °

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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Technical Data

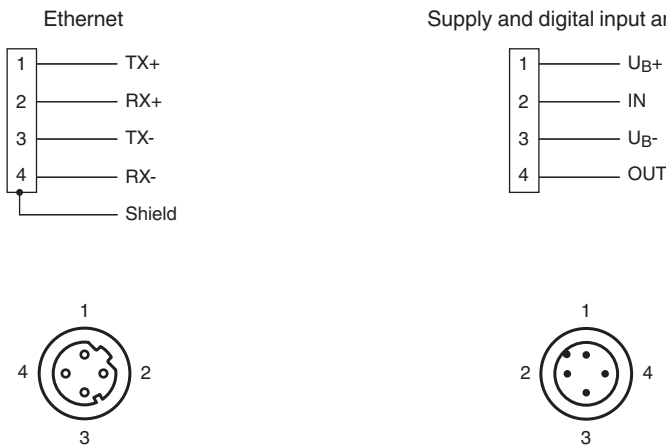
Filter	IR-filter	
Recording duration		900 s
Nominal ratings		
Camera		
Type		CMOS
Chip size		7.4 mm diagonal
Shutter		Rolling shutter
Aspect ratio		16:9
Hardware		
Camera		
Image capture resolution		4608x2592 (12 MP)
Video recording resolution		1920x1080 (Full HD)
Focus		Motorized focus (adjustable via software) Autofocus
Memory		
Type/Size		eMMC / 24 GByte
Electrical specifications		
Operating voltage	U _B	18 ... 28 V DC
Internal input fuse		1.5 AT
Power consumption	P ₀	max. 12 W Digital output Low
Interface		
Interface type		10 BASE-T/100 BASE-TX
Protocol		TCP/IP , HTTP / HTTPS , FTP , RTSP
Transfer rate		10 MBit/s / 100 MBit/s
Cable length		max. 100 m
IP address		DHCP activated , Fall back IP (192.168.100.50
Input		
Signal voltage		
High		16 ... 32 V DC
Low		0 ... 5 V DC
Input current		max. 7 mA
Trigger input		positive edge
Output		
Current	I _e	max. 200 mA
Voltage		< 1 ... 2 V under supply voltage (high) < 0.2 ... 0.3 V (low)
Protective function		short circuit protection
Directive conformity		
Electromagnetic compatibility		EN 61326-1:2013
Radio equipment		
Directive 2014/53/EU		ETSI EN 300330 V2.1.1
WEEE		
Directive 2012/19/EU		WEEE compliant
RoHS		
Directive 2011/65/EU (RoHS)		RoHS compliant
Conformity		
Shock resistance		EN 60068-2-27:2009
Playback formats		

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Technical Data

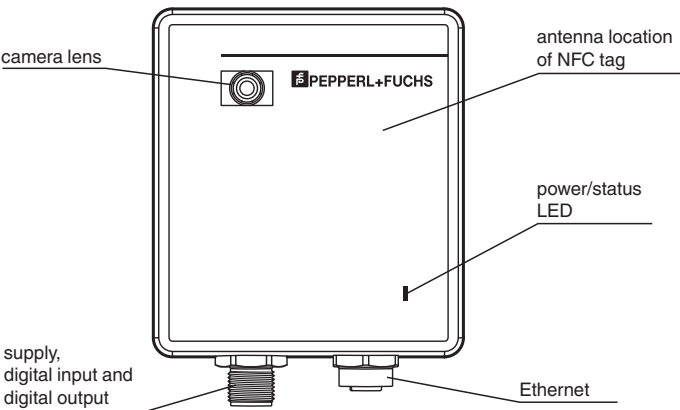
Video		Video Livestream: - Codec/Container: H264/WebRTC - frame rate: 3 ... 24 fps - resolution: 1920 x 1080, 1280 x 720, 960 x 540, 640 x 360 RTSP Stream: - Codec/Container: H264/RTSP - frame rate: 3 ... 24 fps - resolution: 1920 x 1080, 1280 x 720, 960 x 540, 640 x 360 Video Recording: - Codec/Container: H264/MP4, adjustable quality - frame rate: 3 ... 24 fps - resolution: 1920 x 1080, 1280 x 720, 960 x 540, 640 x 360
Ambient conditions		
Operating temperature		-30 ... 50 °C (-22 ... 122 °F)
Storage temperature		-30 ... 50 °C (-22 ... 122 °F)
Relative humidity		non-condensing
Mechanical specifications		
Degree of protection		IP65
Connection		M12 x 1 connector, 4-pin, A-coded , unshielded (supply and digital input) M12 x 1 socket, 4-pin, D-coded , screened (Ethernet)
Material		
Housing		Die-cast aluminum alloy (GD-ALSi12)
Surface		black , powder coated
Observation window		glass, fully bonded
Mass		0.25 kg
Dimensions		
Height		104 mm
Width		81.2 mm
Depth		30 mm
Mounting		4x M6 1x ¼-20 UNC

Connection Assignment



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Assembly



Technical Features

Field Of View

Distance	Horizontal field of view	Vertical field of view
0.5 m	1.235 m	0.662 m
1.0 m	2.470 m	1.324 m
2.5 m	6.174 m	3.309 m
5.0 m	12.349 m	6.619 m

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