



ICB-72A0003M0A

Article number: 218306

1/2,8" Network Camera, 1920x1080, Day&Night, AF
Zoom WDR, 3,2-9 mm, Infrared, IP67

Mainfeatures

1/2,8" Sony STARVIS CMOS

Optical 3x Auto Focus Zoom, 16x Digital

Integrated connection box with circuit board

VerticalView 90°/270° mode only H.264, HTML5 Playback

VCA Video Analytic, ONVIF Event Mapping

Responsive Web Design, Zero configuration

Resolution max. 1920x1080 (Full HD)

3~9 mm day&night zoom lens, IR cut filter

Simple and tidy wiring

DOL-WDR by triple scan images at 30/25fps

Cross Web Browsing (IE, Safari, Firefox, Chrome)

Triple Streaming: 2x H.264, 1x MJPEG

Specifications

Camera:

Sensor size	1/2.8"
Resolution standard	HD 1080p
Imager	CMOS, Sony STARVIS, Sensor IMX290
System	True Day&Night
Sensitivity	0,1 Lux, at F1.6, 40IRE
Low speed shutter	yes, automatic
Manual electronic shutter (MES)	1/25~1/60000sec.
Automatic electronic shutter (ESC)	1/25 ~ 1/60.000sec.
Wide Dynamic Range (WDR)	DOL-WDR 120dB
Flickerless function	yes
Backlight compensation	BLC, HLC

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Continued Specifications

Day/Night switching	extern (Sensor), day, night, auto, night-color mode, IR-LED OFF
IR cut filter	switchable
White balance	automatic, ATW, manual
Video:	
Resolution	1920x1080 (16:9), 1600x900 (16:9), 1280x720 (16:9), 960x540 (16:9), 640x360 (16:9), 320x180 (16:9)
Resolution max.	1920x1080
Stream types	2x H.264, 1x MJPEG multiple
Image transmission rate max.	30 fps
Multicast compliant	yes
Compression standard	H.264, M-JPEG
Lens:	
Lens type	auto focus zoom
Zoom factor	2,8x
Focal length	3,2 - 9 mm
Digital zoom	12x
MOD (Minimum object distance)	0,5 m
Iris control	DC
Vertical angle of view	54 - 4 °
Horizontal angle of view	102 - 8 °
Features:	
Motion detector	yes
Analysis functions	motion detection, tampering protection, trip wire detection with counting and direction detection, Field detection, Defog
Alarm processing	recording internal storage, E-Mail, HTTP, FTP, Boost, TCP, UDP, Onvif Event Mapping, alarm out
Audio	2 Way Audio
Audio support	yes
e-PTZ support	yes
Internal storage	microSDHC card, microSDXC card
Menu languages	English, German, French, Polish, Finnish
Privacy zones masking	Areas-ON/OFF switchable
Remote configuration	web browser
Web browser	MS internet Explorer: ActiveX ex 9.0, Safari: MJPEG, Mozilla: MJPEG, Google Chrome: MJPEG, Edge: MJPEG
User interface	Type A (orange / grey)
Mirror function	mirror, flip
Digital Noise Reduction (DNR)	yes
Network:	
Network protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Interfaces / Inputs / Outputs:	
Video outputs	composite (CVBS) SUB
External connections	micro SD card slot, Connection board (LSA, RJ45, audio, I / O alarm & Sabotage contacts)

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Continued Specifications

Ethernet interface	10Base-T, 100Base-TX
Alarm inputs	1
Alarm outputs	1
General:	
Series	eneo Candid Medium, eneo Premium Class
Dimensions (HxWxD)	130,5x108x318,4mm
Illumination	infrared, 4x High Power LEDs 855nm
Illumination range	approx. 50m
Colour (housing)	Pantone Cool Gray 1C
Housing	outdoor
Housing material	aluminium
Weight	1.6kg
Integrated wall mount	yes
Power consumption	10W
Blower	yes
Mounting	wall mount, ceiling mount
ONVIF	ONVIF Profile S
Power over Ethernet	IEEE 802.3af
Window heater	yes
Protection rating	IP67
SDK	upon request
Hidden cable management	yes
Sunshield	yes
Supply voltage	12VDC, 24VAC, PoE
Temperature range (operation)	-50°C ~ +50°C
Temperature range (heater deactivated)	-20°C ~ +50°C
Text display	supplied
Vandalism resistant	no
Scope of delivery:	
Parts supplied	manual, eneo Site Manager, bag of screws
Notes:	
Remarks	###Operating temperature range of the camera changes when IR illumination is switched OFF

Special features




Integrated connection box with sabotage alarm contact

Simple wiring, the integrated connection board offers the possibility of network cabling via LSA connection bar or RJ45 socket. Terminal block for connection of alarm contacts, external voltage supply and audio.

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Available Accessories

Image	Prod. No / Label	Description
	202641 / PM-42A	Pole mount adaptor for eneo Candid, Candid S, Candid M, Candid L, W3, WB1, AK-5, AK-4
	211976 / ECB-1	Media Converter, Indoor, 1x RJ45, 1x SFP
	211980 / EVX-900R	Media Converter, Indoor, Transmitter-Receiver, 1x RJ45, 1x RJ-11, 12V, up to 1000m
	211981 / EVX-900B	Media Converter, indoor, Transmitter-Receiver, 1x RJ45, 1x BNC, 12V, up to 1000m
	214174 / VerticalView Adaptor	For IP Candid Medium Series using the VerticalView mode
	214460 / IAR-7SE1024MMA	Gigabit Switch, 2x RJ45, 24x PoE 100Mbps, 2xSFP 1000Mbps, 390W, Managed, 19", 1U
	214459 / IAM-5SE1008MUA	Gigabit Switch, 8xPoE 100Mbps, 1x RJ45, and 1x SFP 1000Mbps, Unmanaged, Industrial Design
	216129 / IAM-5SG1008MMA	Gigabit Switch, Managed, 240W, 8x PoE, 4x SFP, 1000Mbps, Industrial Design, -40°C~+75°C
	216469 / IAD-5SG1004MUA	Gigabit Switch, Unmanaged, 60W, 4x PoE, 2x RJ45, 10/100/1000 Mbps, Desktop
	216472 / IAD-5SG1008MUA	Gigabit Switch, Unmanaged, 120W, 8x PoE, 1xSFP, 1x RJ45, 10/100/1000 Mbps, Desktop
	216473 / IAR-7SG1008MMA	Gigabit Switch, Managed, 135W, 8x PoE, 2x SFP, 2xRJ45, 10/100/1000 Mbps, 1 U

www.eneo.com		216474 / IAR-7SG1016MMA	Gigabit Switch, Managed, 270W, 16x PoE, 4x SFP, 10/100/1000 Mbps, 19", 1HU
		216682 / IAR-7SG1024MMA	Gigabit Switch, Managed, 390W, 24x PoE, 4x SFP, 10/100/1000 Mbps, 19", 1HU
		218218 / eneo Site Manager	Management Software for eneo IP Cameras

Your Contact Person



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