



ITB-7SF0019M0A

Article number: 219422

Thermal Network Camera, 19mm, 17°, 336x256, 25Hz, Audio, Composite, PoE, IP67

Mainfeatures

Thermal camera with Ethernet and Composite Video out

19mm lens, 17° viewing angle

Alarm output contact triggers by temperature measurement

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

Responsive Web Design, Zero Configuration

Easy installation, fixation via central screw

Resolution 336x256 Pixel, 25 Hz

Easy handling, USB remote interface

Simultaneously H.264 & MJPEG (Triple streaming)

VerticalView 90°/270°, Audio

HTML5 playback, Slot for micro SD memory card

Flexible power supply 12VDC, 24VAC or PoE

Specifications

Camera:

Resolution pixels	336x256
System	thermal image

Video:

Stream types	2x H.264, 1x MJPEG multiple
Image transmission rate max.	25 fps
Multicast compliant	yes
Compression standard	H.264, M-JPEG

Lens:

Lens type	fixed focal length
Focal length	19 mm
Geometrical Resolution (IFOV)	895 mrad

ITB-7SF0019M0A

Continued Specifications

Vertical angle of view	13 °
Horizontal angle of view	17 °
Pixel pitch	17 µm
Features:	
Motion detector	yes
Analysis functions	motion detection, tampering protection, trip wire detection with counting and direction detection, Field detection
Alarm processing	recording internal storage, E-Mail, FTP, Boost, HTTP, TCP, UPD, Onvif Event Mapping, alarm out
Audio	2 Way Audio
Audio support	yes
Detection range	640m, Man, 1950m, Vehicle
Detection range	Man, 1950m, Vehicle
Internal storage	microSDHC card, microSDXC card
Menu languages	English, German, French, Polish, Finnish
Remote configuration	web browser, remote software
Web browser	MS internet Explorer: ActiveX ex 9.0, Safari: MJPEG, Mozilla: MJPEG, Google Chrome: MJPEG, Edge: MJPEG
User interface	Type A (orange / grey)
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)
Alarm inputs	1
Alarm outputs	1
Serial interfaces	USB, Ethernet
General:	
Series	eneo Candid Medium, eneo Premium Class
Spectral area	7,5 - 13,5 µm
Colour (housing)	Pantone Cool Gray 1C
Housing	outdoor
Housing material	aluminium
Weight	1.4 kg
Integrated wall mount	yes
Power consumption	12W
Mounting	wall mount, ceiling mount
ONVIF	yes, ONVIF Profile S
Protection rating	IP67
SDK	upon request
Hidden cable management	yes
Sunshield	yes
Supply voltage	12VDC, 24VAC, PoE (IEEE-802.3af)
Temperature range (operation)	-35°C ~ +50°C
Thermal sensitivity at 25°C	50 mK

ITB-7SF0019M0A

Continued Specifications

Vandalism resistant	no
Scope of delivery:	
Parts supplied	manual, screw set, allen key, mounting plate, Video sub-out cable, USB connection cable
Notes:	
Remarks	###Other focal lengths on request

Special features

Resolution of sensor is 336x256, the image can be scaled up to a resolution of 1280x720






More product information

Important information on trading with 25Hz thermal imaging cameras
A requirement for a written declaration for trading with thermal imaging cameras with a refresh rate of 25fps (25Hz) has recently been introduced. This declaration is demanded by the US government. Consequently, 25Hz thermal imaging cameras may only be exported to the following countries: Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Latvia, Lithuania, Luxembourg, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Turkey and the United Kingdom
To ensure this, every company including the end customer involved in trade with 25Hz thermal imaging cameras is obligated by the US company to print an appropriate document on its company letterhead paper, to sign this document and to send it by post to the following address. Every company is required to keep a copy of the signed document for at least 5 years and to submit this upon request to the US authorities. An order can only be delivered after all documents have been submitted to FLIR.
VIDEOR E. Hartig GmbH Kaufmannische Abwicklung Carl-Zeiss-Straße 8 D-63322 Rödermark Germany
The original document can be downloaded here.
Thermal imaging cameras with refresh rates of 8.3fps and 9fps (8.3/9Hz) are not affected by this rule, possible such a version should be preferred to a 25Hz version.

ITB-7SF0019M0A

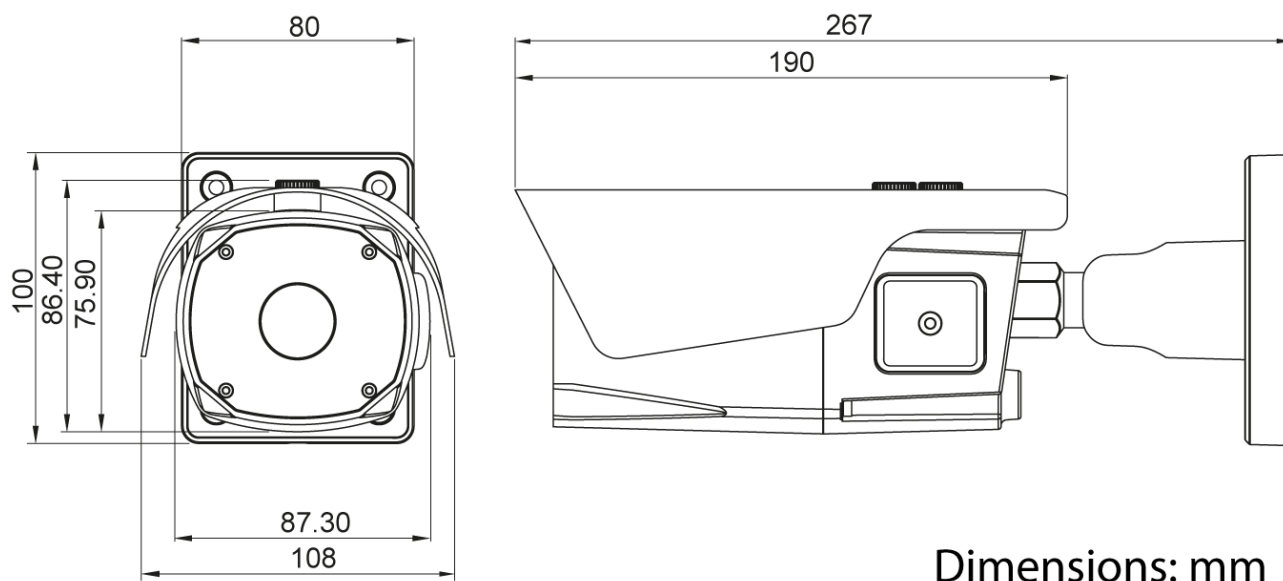
Available Accessories

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
	202888 / AK-4	Camera junction box, for Candid Small, Candid Medium, Candid Large Series
	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
	213011 / IPB-72A0010M0A	1/3" Network Camera, WDR, 1920x1080, Day&Night, AF Zoom, 5.1-51mm, Infrared, IP67
	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

www.eneo.com 	216472 / IAD-5SG1008MUA	Gigabit Switch, Unmanaged, 120W, 8x PoE, 1x SFP, 1x RJ45, 10/100/1000 Mbps, Desktop
	216473 / IAR-7SG1008MMA	Gigabit Switch, Managed, 135W, 8x PoE, 2x SFP, 2x RJ45, 10/100/1000 Mbps, 19", 1 U
	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

ITB-7SF0019M0A

Technical Drawing



Your Contact Person



eneo is a registered trademark of
VIDEOR E. Hartig GmbH
Carl-Zeiss-Straße 8
63322 Rödermark
Deutschland
Tel.: +49 6074-888-333
E-Mail: info@eneo-security.com
Web: www.eneo-security.com