

IND-68M2812MFA

SKU: 235256



Network Dome Fix, 3840x2160, Day/Night, WDR, AI
2,8-12mm, IR, 12VDC, PoE, IP67

Main Features

1/2.8" Sony STARVIS CMOS sensor,8 MP/30fps
AI analysis functions including object classification
Colour images in the dark due to integrated white light
WDR 120dB, 3D-DNR Noise Reduction
Motorized varifocal lens 2.8-12mm
Smart Codec H.265/H.264, multi-streaming

Browser independent (IE, Edge, Safari, Firefox, Chrome)
Supports ONVIF Profile S and Profile T
Local storage via Micro SD card
Supports audio and external alarm input and output
Power supply 12VDC or PoE IEEE 802.3af
IR LED illumination, IP67 and vandal proof IK10

Specifications

General:	
Dimensions (HxWxD)	109x148,7mm
Illumination	2x High Power LEDs 850nm,2x Whitelight LED,Infrared,White light
SDK	upon request
Text display	ON/OFF switchable
Series	eneo IN-Series
Camera Type	Face recognition, License plate recognition, People Count, Retail Intelligence
Housing	Outdoor
Color (housing)	Pantone P 179-1, RAL9003

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Continuation of the specifications

Color (bubble)	clear
Housing material	Aluminium
Heater	no
Blower	no
Mounting	Ceiling mount, Wall mount
Supply voltage	12VDC, PoE
Power consumption	8W
Power over Ethernet	IEEE 802.3af
Vandal proof	yes
Operating temperature	-35°C ~ +55°C, @ Humidity 90% or less (non-condensing)
ONVIF	ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
Certifications	IK10
Protection rating	IP67
Illumination range	approx. 30m IR, approx.25m White Light
Weight	950g
DORI:	
Observe (62 px/m)	59,9 - 144 m
Recognize (125 px/m)	17,8 - 71,4 m
Identify (250 px/m)	8,5 - 35,2 m
Detect (25px/m)	92,5 - 357,2 m
Functions:	
Alarm processing	recording internal storage (SD card),E-Mail,HTTP,FTP,TCP,UDP,alarm out,Cloud Upload
Motion detector	yes
Menu languages	English,German,French,Italian,Portugese,Spanish,Turkish,Russian,Japanese
Mirror function	V flip,H-flip,H/V flip
Multicast compliant	yes
Password protection	administrator & users
Privacy zone masking	Areas-ON/OFF switchable
Vertical tilt range	0~ +75°
Web browser	MS Internet Explorer 10/11,Safari ,Firefox ,Google Chrome ,Edge
Digital Noise Reduction	3D-DNR, yes
Rotation range	350°
Audio support	yes
Internal storage	256GB, microSDHC card, microSDXC card
Analysis functions	Attribute Detection (AD), Cross Counting (CC), Crowd Density Detection (CD), Face Attendance (FA), Face Detection (FD), Face Recognition (FR), Heat Map (HM), Human&Vehicle Detection (PD&VD), License Plate Detection (LPD), License Plate Recognition (LPR), Line Crossing Detection (LCD), Perimeter Intrusion Detection (PID), Queue Length Detection (QD), Rare Sound Detection (RSD), Stationary Object Detection (SOD)

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Continuation of the specifications

Audio	1/1 Line input and output, 2 Way Audio
Remote configuration	Browser
Camera:	
Imager	Sony STARVIS, Sensor IMX415, CMOS
Automatic electronic shutter (ESC)	1/5 ~ 1/20.000sec.
Flickerless function	yes
Backlight compensation	BLC, HLC
Low speed shutter	yes
Manual electronic shutter (MES)	1/5 ~ 1/20.000sec.
Signal-to-noise ratio	39dB
Day&Night mode	Automatic, Day, Night, Image, Time
White balance	Automatic, Manual
Wide Dynamic Range (WDR)	WDR 120dB
Resolution Standard	8 Megapixel
System	24h color
Sensor size	1/2.8"
Day&Night switch	ICR
Sensitivity	0,002 Lux bei F1,0
Camera type	Dome
Parts supplied:	
Parts supplied	manual, bag of screws
Network:	
Network protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Lens:	
Lens Type	Varifocal (motorized)
Focal Length	2,8 - 12 mm
Iris Control	DC
Zoom Factor	4x
Digital Zoom	yes
MOD (Minimum Object Distance)	1,5 m
Interfaces / Inputs/ Outputs:	
External connectors	RJ-45, Alarm in/output, Audio input/output, 12VDC input (DC plug), connection cable approx. 45cm, micro SD card slot 256 GB
Alarm inputs	1
Alarm outputs	1
Ethernet interface	100Base-TX, 10Base-T
Serial interfaces	Ethernet
Video:	
Resolution	3840x2160 (16:9), 2592x1944 (4:3), 2592x1520 (16:9), 2304x1296 (16:9), 1920x1080 (16:9), 1280x960 (4:3), 1280x720 (16:9), 640x480 (4:3), 320x240 (4:3)

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Continuation of the specifications

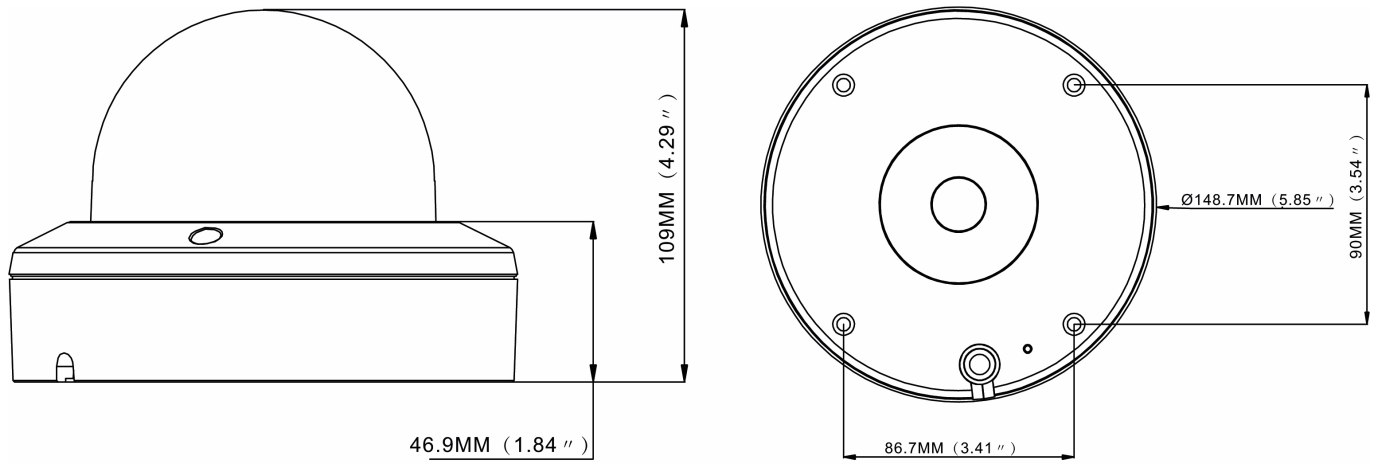
Image display	16:9,4:3
Stream types	Triple-Stream(Main/Sub/Mobile)
Video compression	H.264, H.264+ (Smart Stream), H.265, H.265+ (Smart Stream), M-JPEG
Image resolution max.	3840x2160
Image Transmission Rate	30 fps
Other	
Remarks	NDAA compliance under Section 889, The face detection and license plate recognition functions are only available with an inserted SD card or in conjunction with a recorder from the eneo IN series., To guarantee you an optimum user experience, we recommend that you only use components of the same brand in a system. If several brands are used in combination, eneo cannot guarantee functionality. If combined use is necessary, we offer a compatibility check for a fee (for more information, see article number #229235 at
Horizontal Angle of View	107 - 34°
Vertical Angle of View	56 - 19°
Manufacturer order number	235256

Optional Accessory

SKU	Name	Description
235339	AK-24	Dual camera connection box for Bullet or Fix Dome IN-Series cameras
235525	AK-25	Camera junction box for ceiling pipe DOME-CH6 and wall bracket DOME-WB6
235526	AK-26	Camera junction box for wall- and ceiling mount Fix dome cameras IN-Serie
236663	DOME-WB8	Wall bracket for PTZ dome INP-54M2812M0A and IND-5 Dome Series
236198	eneo INsight Installation Tool	Supports adjustments for cameras with AI features for IN-series
234990	eneo INsight mobile	Mobile App for recorder IN- and MN-series
218218	eneo Site Manager	Management Software for eneo IP products
237253	IN-Dome-S2	Sunshield for eneo IN-series Fix Dome IND-62xx, IND-65xx, IND-68xx
239856	IND-FMH2	Ceiling installation adapter with white cover ring for dome cameras IN-Series
235340	WB-24	Wall bracket for Dual camera connection box AK-24

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Technical Drawing



Maße / Dimensions: mm

