



IND-65M2812MFA

SKU: 235255



Network Dome Fix, 2880x1620, Day/Night, WDR, AI
2,8-12mm, IR, 12VDC, PoE, IP67

Main Features

- 1/2.7" CMOS sensor,5 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

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| Series | eneo IN-Series |
| Camera: | |
| Camera type | Dome |
| Sensor size | 1/2.7" |
| Resolution Standard | 5 Megapixel |
| Imager | CMOS, SmartSens,SC500AI |
| System | 24h color |
| Sensitivity | 0,002 Lux, at F1.0 |
| Low Speed Shutter | yes |
| Manual electronic shutter (MES) | 1/5 ~ 1/20.000sec. |
| Automatic electronic shutter (ESC) | 1/5 ~ 1/20.000sec. |

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Continuation of the specifications

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| Wide Dynamic Range (WDR) | DOL-WDR 120dB,WDR 120dB |
| Flickerless function | yes |
| Backlight Compensation | BLC,HLC |
| Day&Night switch | ICR |
| Day&Night mode | auto,day,night,Image,time |
| White balance | automatic>manual |
| Signal-to-noise ratio | 39dB |
| Video: | |
| Resolution | 2880x1620 (16:9) @ H.265,2592x1520 (16:9) @ H.264,2304x1296 (16:9),1920x1080 (16:9),1280x960 (4:3),1280x720 (16:9),640x480 (4:3),320x240 (4:3) |
| Image resolution max. | 2880x1620 @ H.265 |
| Image display | 16:9,4:3,VerticalView 90° |
| Stream types | Triple-Stream(Main/Sub/Mobile) |
| Image Transmission Rate | 30 fps |
| Video compression | H.264,H.265,H.264+ (Smart Stream),H.265+ (Smart Stream),M-JPEG |
| Lens: | |
| Lens Type | Varifocal (motorized) |
| Zoom Factor | 4x |
| Focal Length | 2,8 - 12 mm |
| Digital Zoom | yes |
| MOD (Minimum Object Distance) | 1,5 m |
| Iris Control | DC |
| Vertical Angle of View | 58,5 - 20,0° |
| Horizontal Angle of View | 112,6 - 35,4° |
| DORI: | |
| Detect (25px/m) | 62,5 - 260,3 m |
| Observe (62 px/m) | 24,3 - 104,5 m |
| Recognize (125 px/m) | 11,5 - 52,2 m |
| Identify (250 px/m) | 5,2 - 25,6 m |
| Functions: | |
| Multicast compliant | yes |
| Motion Detector | yes |
| Analysis functions | intrusion,Line detection,Object classification (person / vehicle),Object left,removed,trip wire detection with counting and direction detection,Crowd detection,Queue management,Heatmapping,audio detection,face recognition,license plate recognition,License plate detection,Face detection |
| Alarm processing | recording internal storage,E-Mail,HTTP,FTP,TCP,UDP,alarm out |
| Rotation range | 350° |
| Vertical tilt range | 0~ +75° |

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Continuation of the specifications

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| Audio support | yes |
| Audio | 2 Way Audio,1/1 Line input and output |
| Password protection | administrator & users |
| Internal storage | microSDHC card,microSDXC card |
| Menu languages | English,German,French,Italian,Portugese,Spanish,Turkish,Russian,Japanese |
| Privacy zone masking | Areas-ON/OFF switchable |
| Remote configuration | web browser |
| Web browser | MS Internet Explorer 10/11,Safari V12.1 above,Firefox V.52 above,Google Chrome V.57 above,Edge V.79 above |
| Mirror function | flip,mirror |
| Digital Noise Reduction | yes |
| Digital noise reduction (DNR) | 3D-DNR |
| Network: | |
| Network protocols | TCP/IP,HTTP,DHCP,DNS,DDNS,RTP,RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP |
| Interfaces / Inputs/ Outputs: | |
| External connectors | RJ-45,micro SD card slot,alarm in/output,audio input/output,12VDC input (DC plug),connection cable approx.45cm |
| Ethernet interface | 10Base-T,100Base-TX |
| Alarm inputs | 1 |
| Alarm outputs | 1 |
| Serial interfaces | Ethernet |
| General: | |
| Dimensions (HxWxD) | 148.0x109.0mm |
| Weight | 950g |
| Illumination | infrared,white light |
| Illumination | 2x High Power LEDs 850nm,2x White Light LED |
| Illumination range | approx. 30m IR,approx.25m White Light |
| Color (housing) | RAL9003,Pantone P 179-1 |
| Color (bubble) | clear |
| Housing | outdoor |
| Housing material | aluminium |
| Heater | no |
| Camera Type | License plate recognition,Retail Intelligence,People Count,Face recognition |
| Power consumption | 8W |
| Blower | no |
| Mounting | wall mount,ceiling mount |
| ONVIF | ONVIF Profile G,ONVIF Profile S,ONVIF Profile T |
| Power over Ethernet | IEEE 802.3af |

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Continuation of the specifications

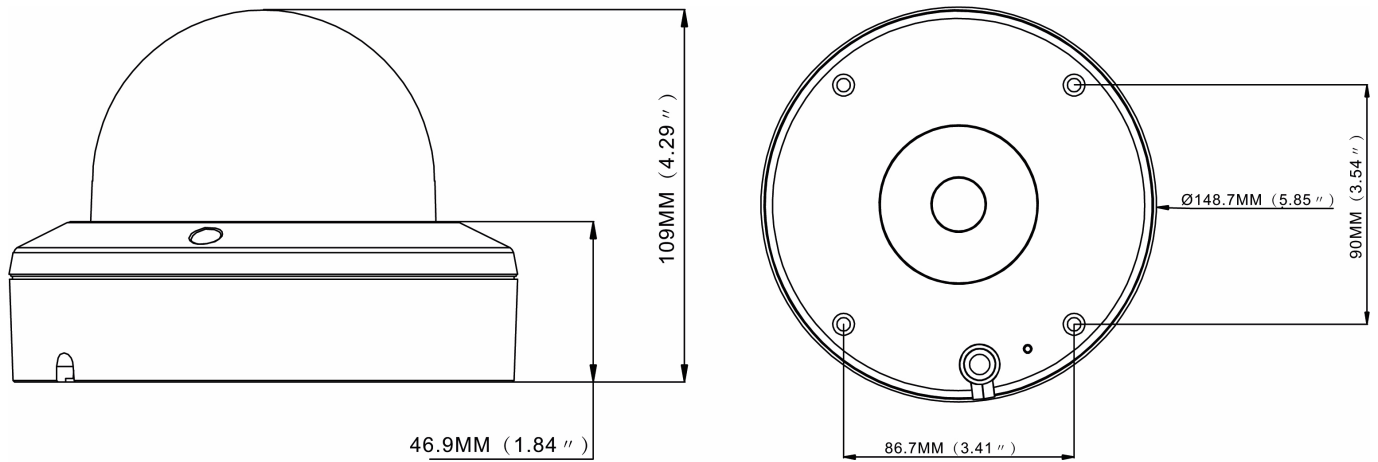
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|-----------------------|--|
| Protection rating | IP67 |
| SDK | upon request |
| Supply voltage | 12VDC,PoE |
| Operating temperature | -35°C ~ +55°C,@ Humidity 90% or less (non-condensing) |
| Text display | ON/OFF switchable |
| Vandal proof | yes |
| Certifications | IK10 |
| Parts supplied: | |
| Parts supplied | manual,bag of screws |
| Remarks | NDAA compliance under Section 889, Part A.,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. |

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 |
| 218218 | eneo Site Manager | Management Software for eneo IP products |
| 236198 | IPC Installation Tool | Supports adjustments for cameras with AI features for IN-series |
| 235340 | WB-24 | Wall bracket for Dual camera connection box AK-24 |

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Technical Drawing



Maße / Dimensions: mm

