

# IPD-42F0028PAA

SKU: 232569



1/2.8" Network Dome, Fix, 1920x1080, Day/Night, DOL-WDR, 2.8mm, Infrared, Indoor

## Main Features

|                                                   |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| 1/2.8" Sony STARVIS CMOS Sensor                   | Browser independent (IE, Edge, Safari, Firefox, Chrome) |
| Excellent light sensitivity                       | Smart Codec H.265 ROI (Region of Interest)              |
| Resolution max. 1920x1080 (Full HD)               | Supports ONVIF Profile S and Profile T                  |
| Lens fixed focal length 2.8mm (HfoV 112°)         | Vertical View 90°/270° Modus,H-Flip, Mirror             |
| DOL-WDR (120dB) by triple scan images at 30/25fps | Compact Fix Dome Housing (plastic) for indoor           |
| Motion Detection, Privacy Zones, Slow Shutter     | Power supply PoE or 12VDC                               |

## Specifications

| General:           |                                  |
|--------------------|----------------------------------|
| Dimensions (HxWxD) | 87x113mm                         |
| Illumination       | 4x High Power LED 850nm,Infrared |
| SDK                | upon request                     |
| Text display       | supplied                         |
| Series             | eneo AN-Series                   |
| Housing            | Indoor                           |
| Color (housing)    | white                            |
| Housing material   | ABS plastic                      |
| Window heater      | no                               |
| Blower             | yes                              |

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## Continuation of the specifications

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting                | Ceiling mount, Wall mount                                                                                                                                                                                                                                                                                                                                                    |
| Supply voltage          | 12VDC, PoE                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption       | 12VDC, 6.5W, 7W, PoE                                                                                                                                                                                                                                                                                                                                                         |
| Power over Ethernet     | IEEE 802.3af                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal proof            | no                                                                                                                                                                                                                                                                                                                                                                           |
| Operating temperature   | -10°C ~ +50°C                                                                                                                                                                                                                                                                                                                                                                |
| ONVIF                   | ONVIF Profile S, ONVIF Profile T                                                                                                                                                                                                                                                                                                                                             |
| Illumination range      | approx. 30m                                                                                                                                                                                                                                                                                                                                                                  |
| Weight                  | 270g                                                                                                                                                                                                                                                                                                                                                                         |
| DORI:                   |                                                                                                                                                                                                                                                                                                                                                                              |
| Observe (62 px/m)       | 18 m                                                                                                                                                                                                                                                                                                                                                                         |
| Recognize (125 px/m)    | 8,8 m                                                                                                                                                                                                                                                                                                                                                                        |
| Identify (250 px/m)     | 4,2 m                                                                                                                                                                                                                                                                                                                                                                        |
| Detect (25px/m)         | 45,9 m                                                                                                                                                                                                                                                                                                                                                                       |
| Functions:              |                                                                                                                                                                                                                                                                                                                                                                              |
| Alarm processing        | E-Mail,HTTP,FTP,Boost,TCP,UDP,Onvif Event Mapping                                                                                                                                                                                                                                                                                                                            |
| User interface          | Type A (orange / grey)                                                                                                                                                                                                                                                                                                                                                       |
| Motion detector         | yes                                                                                                                                                                                                                                                                                                                                                                          |
| e-PTZ support           | yes                                                                                                                                                                                                                                                                                                                                                                          |
| Menu languages          | English,German,French,Korean                                                                                                                                                                                                                                                                                                                                                 |
| Mirror function         | mirror,flip                                                                                                                                                                                                                                                                                                                                                                  |
| Multicast compliant     | yes                                                                                                                                                                                                                                                                                                                                                                          |
| Password protection     | administrator & users                                                                                                                                                                                                                                                                                                                                                        |
| Privacy zone masking    | Areas-ON/OFF switchable                                                                                                                                                                                                                                                                                                                                                      |
| Web browser             | MS internet Explorer: ActiveX ex 9.0,Safari: MJPEG,Mozilla: MJPEG,Google Chrome: MJPEG,Edge: MJPEG                                                                                                                                                                                                                                                                           |
| Digital Noise Reduction | yes                                                                                                                                                                                                                                                                                                                                                                          |
| Audio support           | no                                                                                                                                                                                                                                                                                                                                                                           |
| Internal storage        | no                                                                                                                                                                                                                                                                                                                                                                           |
| Analysis functions      | Motion detection, Tampering Detection (TD)                                                                                                                                                                                                                                                                                                                                   |
| Remote configuration    | Browser                                                                                                                                                                                                                                                                                                                                                                      |
| Notes:                  |                                                                                                                                                                                                                                                                                                                                                                              |
| Remarks                 | NDAA compliance under Section 889,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 VIDEOR). |
| Camera:                 |                                                                                                                                                                                                                                                                                                                                                                              |
| Imager                  | Sony STARVIS,Sensor IMX307,CMOS                                                                                                                                                                                                                                                                                                                                              |

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## Continuation of the specifications

|                                    |                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------|
| Automatic electronic shutter (ESC) | 1/25 ~ 1/25.000sec                                                                     |
| Flickerless function               | yes                                                                                    |
| Backlight compensation             | BLC,HLC                                                                                |
| Low speed shutter                  | yes                                                                                    |
| Manual electronic shutter (MES)    | 1/25 ~ 1/25.000sec                                                                     |
| Signal-to-noise ratio              | 50dB                                                                                   |
| Day&Night mode                     | Automatic,Day,Night,extern (Sensor)                                                    |
| White balance                      | Automatic,Outdoor,Light bulb,Fluorescent light,Clear Sky,Shade,Manual                  |
| Wide Dynamic Range (WDR)           | D-WDR                                                                                  |
| Resolution Standard                | HD 1080p                                                                               |
| System                             | True Day&Night                                                                         |
| Sensor size                        | 1/2.8"                                                                                 |
| Day&Night switch                   | ICR                                                                                    |
| Sensitivity                        | 0,006 Lux at F1,8, 40 IRE                                                              |
| Camera type                        | Dome                                                                                   |
| Parts supplied:                    |                                                                                        |
| Parts supplied                     | manual,bag of screws                                                                   |
| Network:                           |                                                                                        |
| Network protocols                  | TCP/IP,UDP,IPv4,IPv6,HTTP,HTTPS,FTP,UPnP,RT P,RTSP,RTCP,DHCP,ARP,Zeroconf,Bonjour,SNMP |
| Lens:                              |                                                                                        |
| Lens Type                          | fixed focal length                                                                     |
| Focal Length                       | 2,8 mm                                                                                 |
| Iris Control                       | DC                                                                                     |
| Digital Zoom                       | yes                                                                                    |
| MOD (Mininum Object Distance)      | 0,5 m                                                                                  |
| Interfaces / Inputs/ Outputs:      |                                                                                        |
| External connectors                | 12VDC input (DC plug),RJ-45                                                            |
| Video outputs                      | no                                                                                     |
| Alarm inputs                       | nein                                                                                   |
| Alarm outputs                      | no                                                                                     |
| Ethernet interface                 | 100Base-TX, 10Base-T                                                                   |
| Serial interfaces                  | Ethernet                                                                               |
| Video:                             |                                                                                        |
| Resolution                         | 1920x1080 (16:9),1280x720 (16:9)                                                       |
| Image display                      | VerticalView 90°/270°,16:9                                                             |
| Stream types                       | Multi Streaming                                                                        |
| Video compression                  | H.264, H.264+ (Smart Stream), H.265, H.265+ (Smart Stream), M-JPEG                     |
| Image resolution max.              | 1920x1080                                                                              |
| Image Transmission Rate            | 30 fps                                                                                 |
| Other                              |                                                                                        |

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Continuation of the specifications

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| Manufacturer order number | 232569 |
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