

# IPP-72A0030M0A

**Article number: 213541**

1/2.8" Network Dome, PTZ, 30x AF Zoom, Day&Night, 1920x1080, PoE, IP66, 12/24V

## Mainfeatures

- 1/2.8" Sony CMOS-Sensor
- Full HD 1920x1080 pixels, 1080p@50/60fps
- Digital Noise Reduction (DNR)
- Real time WDR (Wide Dynamic Range) 25/30fps
- Privacy zones
- ONVIF conformity
- 30x AF Zoom, 4.3~129mm / 16x Digital
- Compression H.264/MJPEG, Web Casting
- VCA Video Analytic
- Digital Image Stabilization (DIS)
- Alarm in- and outputs

## Specifications

| **Camera:** | |
|---|---|
| Sensor size | 1/2.8" |
| Resolution standard | HD 1080p |
| Imager | CMOS, Sony STARVIS, Sensor IMX291 |
| System | True Day&Night |
| Sensitivity | 0,35 Lux, at F1.6, 50 IRE |
| Low speed shutter | yes, 2x ~ 8x |
| Manual electronic shutter (MES) | 1/25~1/30000sec |
| Automatic electronic shutter (ESC) | 1/25 ~ 1/30.000sec. |
| Wide Dynamic Range (WDR) | WDR 120dB, Real Time WDR 25/30fps |
| Backlight compensation | BLC, HLC |
| IR cut filter | switchable |

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## Continued Specifications

| | |
|---|---|
| White balance | automatic, outdoor, manual, fluorescent, Light bulb |
| **Video:** | |
| Resolution | 1920x1080 (16:9), 1280x1024 (5:4), 1280x960 (4:3), 1280x720 (16:9), 1024x768 (4:3), 704x576 (4:3), 704x480 (4:3), 640x480 (4:3), 640x360 (16:9), 320x240 (4:3) |
| Resolution max. | 1920x1080 |
| Stream types | 2x H.264, 1x MJPEG multiple |
| Image transmission rate max. | 60 fps |
| Mulitcast compliant | yes |
| Compression standard | H.264, M-JPEG |
| **Lens:** | |
| Lens type | auto focus zoom |
| Zoom factor | 30x |
| Focal length | 4,3 - 129,0 mm |
| Digital zoom | 16x |
| MOD (Minimum object distance) | 1 m |
| Iris control | DC |
| Vertical angle of view | 36,4 - 1,29 ° |
| Horizontal angle of view | 61,8 - 2,11 ° |
| **Features:** | |
| Motion detector | yes |
| Analysis functions | motion detection, tampering protection, trip wire detection with counting and direction detection, Field detection, face detection, Defog |
| Alarm processing | recording internal storage, E-Mail, FTP, Boost, HTTP, TCP, UPD, HTTPS, XML, alarm out |
| Presets | 256 presets |
| Rotation range | 360 ° |
| Speed (manual control) | 380 °/Sek. |
| Vertical tilt range | -10° ~ +90° |
| Audio | 2 Way Audio |
| Audio support | yes |
| Internal storage | microSDHC card, microSDXC card |
| Menu languages | English, German, French, Russian, Chinese, Korean, Japanese |
| Privacy zones masking | Areas-ON/OFF switchable |
| Remote configuration | web browser |
| Web browser | MS internet Explorer: ActiveX ex 9.0, Safari: MJPEG setup limited, Mozilla: MJPEG setup limited, Google: MJPEG setup limted, Edge: MJPEG setup limited |
| User interface | Type B (white / blue) |
| Mirror function | H-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, QoS |

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## Continued Specifications

| | |
|---|---|
| **Interfaces / Inputs / Outputs:** | |
| External connections | 12VDC input (DC plug), RJ-45, alarm input/output, audio input/output |
| Ethernet interface | 10Base-T, 100Base-TX |
| Alarm inputs | 4 |
| Alarm outputs | 1 |
| **General:** | |
| Series | eneo Premium Class |
| Dimensions (HxWxD) | 278x234mm |
| Illumination | no |
| Colour (housing) | Pantone Cool Gray 1C |
| Colour (bubble) | clear |
| Housing | outdoor |
| Housing material | aluminium |
| Weight | 3.3kg |
| Heater | yes |
| Camera type | PTZ Dome |
| Power consumption | 50W, (with heather), 13W, w./o. heater |
| Blower | yes |
| Mounting | wall mount, ceiling mount |
| ONVIF | ONVIF Profile S |
| Power over Ethernet | IEEE 802.3af |
| Protection rating | IP66 |
| SDK | upon request |
| Supply voltage | 12VDC, 24VAC, PoE |
| Temperature range (operation) | -50°C ~ +65°C |
| Temperature range with built-in heater | -50°C ~ +65°C |
| Temperature range (heater deactivated) | -20°C ~ +50°C |
| Text display | supplied |
| Vandalism resistant | yes |
| Certificates | IK10 |
| **Scope of delivery:** | |
| Parts supplied | manual, mounting accessories, eneo Site Manager |
| **Notes:** | |
| Remarks | Temperature range of -50° ~ +65° are only guaranteed if Dome supplied by 24VAC., In PoE and 12VDC operating heater and fan are disabled |

## Special features

Optional mounting accessories needed
Auto calibration (Origin Check)

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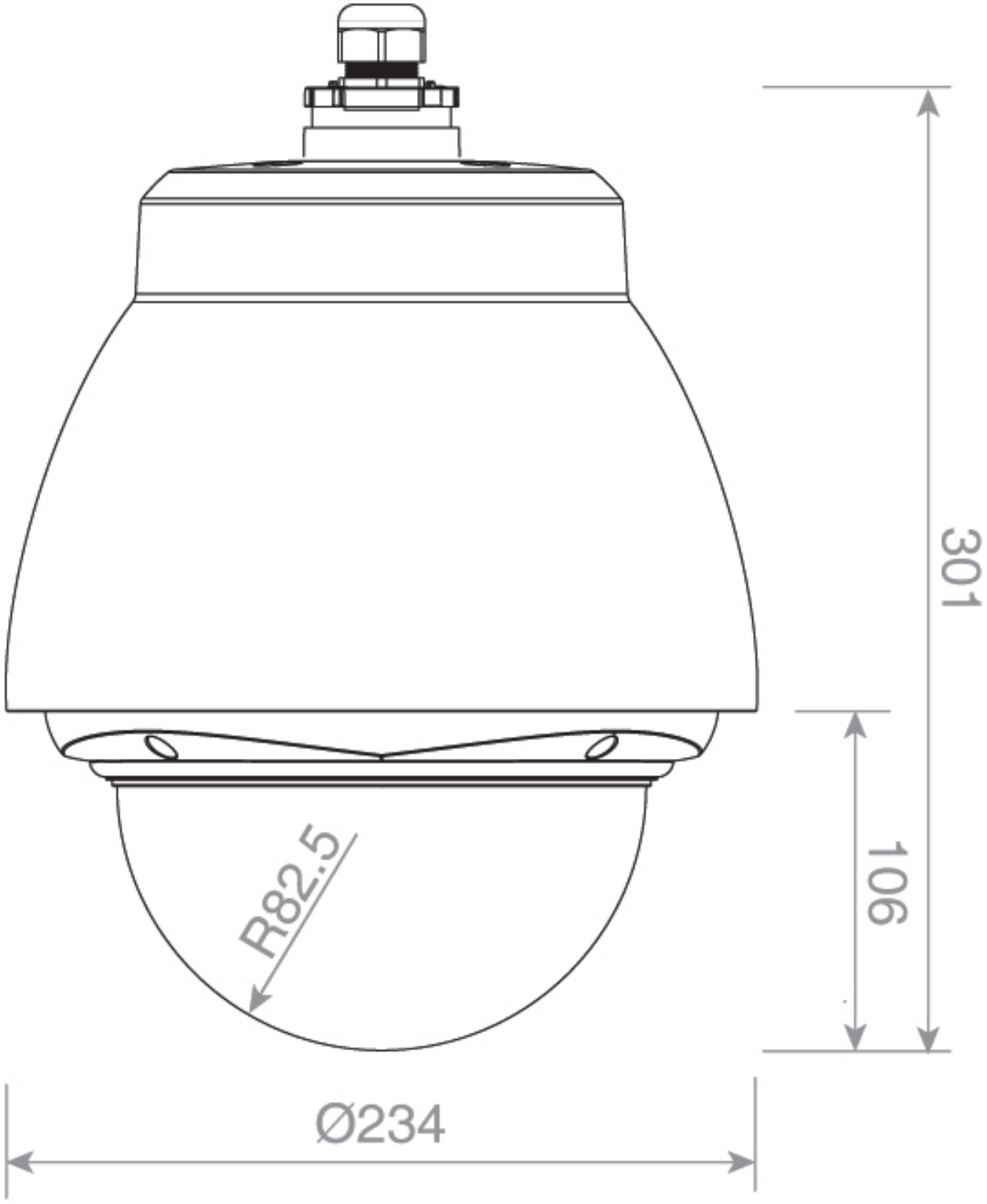
## Available Accessories

| Image | Prod. No / Label | Description |
|---|---|---|
|  | 74127 / EDC-WMB1 | Wall Mount for PTZ Dome Cameras with Mounting Kit |
|  | 74128 / EDC-CMT1 | Ceiling Mount Tube with Flange Plate for PTZ Dome Cameras |
|  | 213474 / NE-128B | Voltage supply unit 230V/24V-5A, Plastic housing, IP66 |
|  | 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, 19", 1 U |
|  | 218218 / eneo Site Manager | Management Software for eneo IP Cameras |

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## Technical Drawing




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