# BLAUPUNKT

Product Datasheet

## 4MP HD IR Fixed Eyeball Network Camera
## BP-IPC-DF401-28



## Key Features



- High quality image with 4MP, 1/3"CMOS sensor

- 4MP (2688*1520) @ 25/20fps; 4MP (2560*1440) @ 25/20fps; 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps;

- Ultra 265, H.265, H.264, MJPEG

- Easystar technology ensures high image quality in low illumination environment

- 120dB true WDR technology enables clear image in strong light scene

- Support 9:16 Corridor Mode

- Built-in Mic

- Smart IR, up to 30m (98ft) IR distance

- Supports 256GB Micro SD card

- Support PoE power supply

- 3-Axis

- IP67 protection

# Technical specification:

| Camera | |
|---|---|
| Sensor | 1/3", 4.0 megapixel, progressive scan, CMOS |
| Minimum Illumination | Support Easystar: Colour: 0.003 lux (F1.6, AGC ON)<br>0Lux with IR |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Adjustment angle | Pan: 0° ~ 360° — Tilt: 0° ~ 80° — Rotate: 0° ~ 360° |
| WDR | 120dB |
| S/N | >56dB |

| Adjustment angle | Pan: 0° ~ 360° | Tilt: 0° ~ 80° | Rotate: 0° ~ 360° |
|---|---|---|---|

| Lens | |
|---|---|
| Lens | 2.8mm @F1.6 |
| Iris | Fixed |
| Field of View (H) | 101.1° |
| Field of View (V) | 55.3° |
| Field of View (D) | 111.1° |

| DORI | | | | | |
|---|---|---|---|---|---|
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 2.8 | 63.0 | 25.2 | 12.6 | 6.3 |

| Illuminator | |
|---|---|
| IR range | Up to 30m (98ft) IR range |
| Wavelength | 850nm |
| IR On/Off Control | Auto/Manual |

| Video | |
|---|---|
| Video Compression | Ultra265, H.265, H.264, MJPEG |
| H.264 code profile | Baseline profile, Main profile, High profile |
| Frame Rate | Main Stream: 4MP (2688*1520), Max 25fps;4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; |
| Video Bit Rate | 128 Kbps ~ 16 Mbps |
| U-code | Support |
| OSD | Up to 4 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Video Stream | Dual Streams |

| Image | |
|---|---|
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 |
| Digital noise reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise |
| HLC | Support |

| BLC | Support |
|---|---|
| Defog | Digital Defog |
| **Events** | |
| Basic Detection | Cross line, intrusion (based on human body detection), motion detection, Ultra motion detection, tampering alarm, audio detection |
| General Function | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication |
| **Audio** | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64Kbps |
| Two-way audio | N/A |
| Suppression | Support |
| Sampling Rate | 8KHZ |
| **Storage** | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| **Network** | |
| Protocols | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| User/Host | Up to 32 users. 2 user levels: administrator and common user |
| Security | Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF |
| Client | BP-connect |
| Web browser | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above<br>Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |
| **Interface** | |
| Audio I/O | N/A |
| Alarm I/O | N/A |
| Serial Port | N/A |
| Buil-in Mic | Support |
| Built-in Speaker | N/A |
| WiFi | N/A |
| Network | 1 * RJ45 10M/100M Base-TX Ethernet |
| Video Output | N/A |
| **Certifications** | |
| EMC | CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |
| Safety | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01) |
| Environment | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 |

| General | |
|---|---|
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| | Power consumption: Max 6.0W |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions (Ø x H) | Φ118 x 95mm (Φ4.6" x 3.8") |
| Weight | 0.35kg (0.77lb) |
| Material | Metal |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Surge protection | 2KV |
| Reset button | N/A |

# Dimensions