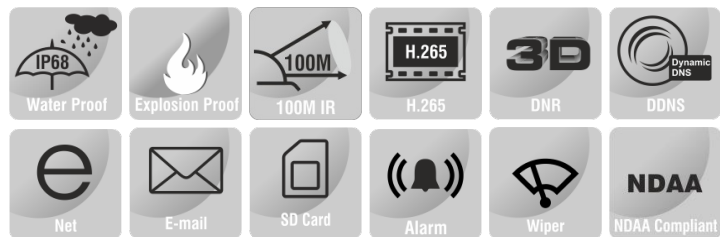


5MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU8Z-100R-24

FEATURES

| |
|--|
| SS316L Stainless Steel Construction |
| 4.5 ~ 135 mm Lens |
| 30X Optical Zoom, 16X Digital Zoom |
| ONVIF Profile (S, G, T) |
| Wiper Support |
| ATEX/ IECEx/ CCoE (PESO) Certified |
| Applicable for GAS Zone 1, Zone 2, Class IIA, IIB, IIC |
| Applicable for Temperature Classes T1-T6 |
| Applicable for Dust Zone 21, 22 |
| PoE+, IP68 |



SPECIFICATION

| MODEL | Model No. | ENC-HBU8Z-100R-24 |
|-------------------------|----------------------------|--|
| | Type | 5MP EXPLOSION PROOF BULLET CAMERA |
| CAMERA | Image Sensor | 1/2.8" CMOS Progressive 5.0 MegaPixel |
| | Day / Night | IR Cut Filter with Auto Switch |
| | Lens Type | Motorized Lens |
| | Focal Length | 4.5 ~ 135 mm (Optional 4.3 ~ 129 mm) |
| | Focus | Auto / Semi Auto / Manual |
| | Iris Type | P Iris (Optional DC Auto Iris), Auto/ Manual |
| | Angle of View (H) | 60.7 ° ~ 2.2 ° (Optional 63.0 ° ~ 2.3 °) |
| | Angle of View (V) | 45.6 ° ~ 1.6 ° (Optional 78.7 ° ~ 1.7 °) |
| | Angle of View (D) | 75.9 ° ~ 2.7 ° (Optional 73.0 ° ~ 2.8 °) |
| | Aperture Range | F1.6 ~ F4.3 |
| | Optical Zoom | 30X |
| | Digital Zoom | 16X |
| | Electronic Shutter | 1s - 1/100,000s, Auto/Manual |
| | Min. Illumination | Color: 0.001 lux @ F1.6, B/W: 0 lux with IR |
| AGC | Auto / Manual | |
| Digital Noise Reduction | 2D & 3D DNR, Auto / Manual | |
| S/N Ratio | ≥55 dB | |
| Defog | Smart Defog | |
| WDR | 120 dB | |
| Smart IR | Up to 100 m | |

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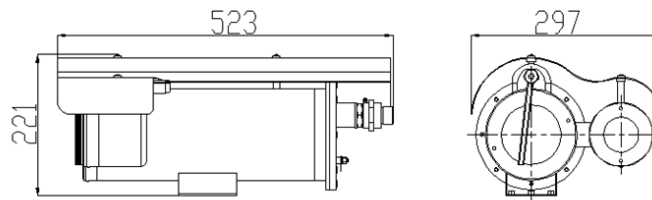
| MODEL | | ENC-HBU8Z-100R-24 |
|--------------------|----------------------------|--|
| DORI | Model No. | ENC-HBU8Z-100R-24 |
| | Type | 5MP EXPLOSION PROOF BULLET CAMERA |
| | Lens | 4.5 ~ 135 mm (Optional 4.3 ~ 129 mm) |
| | Detection | 95.5 ~ 2700 m (Optional 92.0 ~ 2582.8 m) |
| | Observation | 37.4 ~ 1088.8 m (Optional 36.5 ~ 1041.4 m) |
| DORI | Recognition | 18.0 ~ 540.0 m (Optional 17.3 ~ 516.5 m) |
| | Identification | 8.0 ~ 270.0 m (Optional 7.5 ~ 258.2 m) |
| VIDEO | Max. Resolution | 2592x1944 |
| | Video Compression | Enhanced (H.265, H.264), H.265, H.264, MJPEG |
| | Frame Rate | Main Stream: (2592x1944) @ 25/30fps, (1920x1080, 1280x720) @ 50/60fps Sub Stream: (1920x1080, 1280x720, 704x576) @ 25/30fps Third Stream: (640x480, 352x288, 320x240, 176x144) @ 25/30fps Fourth Stream: (640x480, 352x288, 320x240, 176x144) @ 25/30fps (Optional) |
| | Stream Settings | i-Frame, PAL/NTSC, Frame Rate |
| | EIS | Supported |
| | Video Bit Rate | 100 kbps ~ 12 Mbps |
| | Bitrate Type | CBR, VBR |
| | Image Settings | Brightness, Contrast, Saturation, Sharpness, Day/Night (Color, Mono, Auto), Flip/Mirror/Rotation, Multiple Scene & Profile |
| | White Balance | Auto, Daynight, Tungsten, Manual |
| | HLC | Supported |
| | BLC | Supported |
| | OSD | Up to 8 regions |
| | OSD Type | Title, Week, Date, Time, Text with different colors and adaptable sizes, Image overlay |
| | ROI | Up to 8 regions |
| Privacy Mask | Up to 4 regions | |
| AUDIO | Audio Compression | G.711A, G.711U, RAW_PCM |
| | Audio Bit Rate | 64Kbps, 128Kbps |
| | Audio I/O | 1/1 |
| SMART | Behavior Detection | Intrusion (Perimeter), Crossline (Tripwire), Double crossline (Double Tripwire) |
| | Intelligent Identification | Abandoned object (Object Left), Missing Object (Object Lost), Loitering, Multi Loitering |
| | Statistical Analysis | Face Detection , People Counting, Human & Vehicle Detection, Abnormal Video & Audio Detection, Wrong Way Detection, Illegal Parking, Tampering / Masking / Scene Change, Abnormal Speed |
| | Alarm Management | Motion Detection, Tampering (Masking), Input & Output Event, Network Alarm, Disk Alarm, Day Night Switch Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot |
| | Alarm Notifications | E-mail(Notification & Snapshot), HTTP(Alarm icon), FTP(Snapshot & Recording), SD Card(Recording) |
| INTERFACE | Protocols | TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP , IGMP, 802.1X, Unicast, Multicast, QoS, ARP, SNMP, Telnet, SSL/TLS1.2 |
| | Security | TLS 128 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log |
| | Compatibility | ONVIF (S, G, T) , SDK, CGI |
| | Network | 1 x RJ45 10M/100M Self Adaptive Ethernet Port |
| | Alarm I/O | 1/1 |
| | Serial Interface | 1xRS485 |
| | Edge Storage | SD card slot, up to 512 GB |
| | ANR | Supported |
| | Built-in Heater | Supported (Optional) |
| | Wiper | Supported |
| Max. User | 32 | |
| Client Application | EyeGuard | |

5MP EXPLOSION PROOF BULLET CAMERA

ENC-HBU8Z-100R-24

| MODEL | | ENC-HBU8Z-100R-24 |
|------------|------------------------|--|
| | Model No. | ENC-HBU8Z-100R-24 |
| | Type | 5MP EXPLOSION PROOF BULLET CAMERA |
| GENERAL | Power Supply | AC 110V ~ 240V / 24V DC / 24V AC / PoE+ (802.3at-Type 2) |
| | Max. Power Consumption | ≤30W (with thermostat) |
| | Working Temperature | -40 °C ~ 70 °C |
| | Working Humidity | ≤95% RH (non-condensing) |
| | Atmospheric pressure | 80 kPa ~ 106 kPa |
| | Window glass | Strong tempered glass |
| | Sun shade | Supported |
| | Ingress Protection | IP68 |
| | Surge Protection | TVS4000V |
| | Reset Button | Supported |
| | Dimensions | 523x297x221 mm |
| Net Weight | 15.5 kg | |

Dimension Unit : mm



ORDERING INFORMATION

| Part Number | Description | Standard Quantity |
|-------------------|--|-------------------|
| ENC-HBU8Z-100R-24 | 5MP SS316L Explosion Proof IR IP H.265 Bullet Camera with 30X Optical Zoom Lens, PoE+, SD Card Slot, WDR, Smart Analytics, Wiper and 100m IR Support | 1 |
| ENB-BZUW68 | Wall Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera | 1 |
| ENB-BZUH68 | Corner Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera | 1 |
| ENB-BZUV68 | Pole Mount Bracket for Norden Explosion / Corrosion Proof Bullet Camera | 1 |
| ENA-EXH010 | 1 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera | 1 |
| ENA-EXH015 | 1.5 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera | 1 |
| ENA-EXH020 | 2 Meter Explosion / Corrosion Proof Hose for Norden Explosion / Corrosion Proof Camera | 1 |

PACKING INFORMATION

| Part Number | Packing Mode | Gross weight(Kg) | Dimension(mm) |
|-------------------|--------------|------------------|---------------|
| ENC-HBU8Z-100R-24 | Carton Box | - | - |