

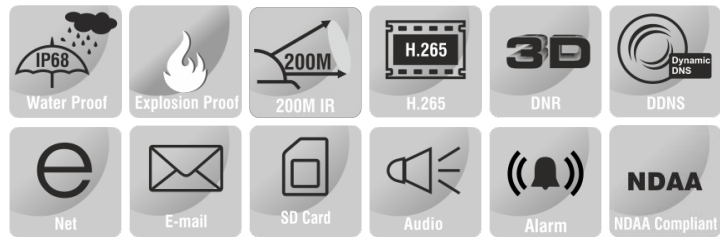
# 4MP EXPLOSION PROOF BULLET CAMERA



ENC-HBU7Z-200R-24

## FEATURES

- 316L Stainless Steel Construction
- 4.5 ~ 135 mm Lens
- 30X Optical Zoom, 16X Digital Zoom
- ONVIF Profile (S, G, T)
- Quad Stream
- Audio and Alarm Support
- Wiper Support
- IP68
- ATEX/ IECEx/ CCoE (PESO) Certified



## SPECIFICATION

| MODEL     | Model No.               | ENC-HBU7Z-200R-24                              |
|-----------|-------------------------|--|
|           | Type                    | 4MP EXPLOSION PROOF BULLET CAMERA              |
| CAMERA    | Image Sensor            | 1/2.8" CMOS Progressive 4.0 MegaPixel          |
|           | Day / Night             | IR Cut Filter with Auto Switch                 |
|           | Lens Type               | Motorized Lens                                 |
|           | Focal Length            | 4.5 ~ 135 mm (Optional 4.3 ~ 129mm) Lens       |
|           | 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)       | 35.7 ° ~ 1.2 ° (Optional 37.0 ° ~ 1.3 °)       |
|           | Angle of View (D)       | 70.4 ° ~ 2.5 ° (Optional 73.0 ° ~ 2.6 °)       |
|           | Aperture Range          | F1.6 ~ F4.3                                    |
|           | Optical Zoom            | 30X  |
|           | Digital Zoom            | 16X  |
|           | Shutter                 | 1s - 1/100,000s, Auto/Manual                   |
|           | Min. Illumination       | Color: 0.001 lux @ F1.6, B/W: 0 lux with IR on |
|           | 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 200 m             |  |

# 4MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU7Z-200R-24

| MODEL        | Model No.                  | ENC-HBU7Z-200R-24  |
|--------------|----------------------------|--|
|              | Type                       | 4MP EXPLOSION PROOF BULLET CAMERA  |
| VIDEO        | Max. Resolution            | 2592x1520  |
|              | Video Compression          | H.265+, H.265, H.264, MJPEG  |
|              | Frame Rate                 | Main Stream: (2592x1520) @ 25/30fps, (1920x1080, 1280x720) @ 50/60fps<br>Sub Stream: (1920x1080, 1280x720, 704x576) @ 25/30fps<br>Third Stream: (640x480, 352x288, 320x240, 176x144) @ 25/30fps<br>Fourth Stream: (640x480, 352x288, 320x240, 176x144) @ 25/30fps (Optional) |
|              | Stream Settings            | i-Frame, PAL/NTSC, Frame Rate, EIS, SVC  |
|              | Video Bit Rate             | 10 kbps ~ 16 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, Day / Night, Tungsten, Manual  |
|              | HLC                        | Supported  |
|              | BLC                        | Supported  |
|              | OSD                        | Total 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.711U, G.711A, RAW_PCM  |
|              | Audio I/O                  | 1/1  |
|              | Audio Bit Rate             | 8 ~ 16 kbps  |
| 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, HTTP, FTP, SD Card & Alarm Out (Event Notification/ Recording/ Snapshot upload through E-mail, HTTP, FTP & SD Card)  |
| 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 Interface            | 1 Input / 1 Output   |
|              | Serial Interface           | 1xRS485  |
|              | CVBS Output                | Supported  |
|              | Edge Storage               | SD card slot, up to 256 GB   |
|              | ANR                        | Supported  |
|              | Built-in Heater            | Supported (Optional)   |
|              | Wiper                      | Supported  |
|              | Max. User                  | 32   |
|              | Client Application         | EyeGuard   |
| GENERAL      | Power Supply               | AC 110V ~ 240V / 24V DC / 24V AC / PoE+ (802.3at-Type 2)   |
|              | Power Consumption          | Max. ≤30W (with thermostat)  |
|              | Working Temperature        | -40 °C ~ 70 °C   |
|              | Working Humidity           | 0-95% RH (non-condensing)  |
|              | Atmospheric pressure       | 80 kPa ~ 106 kPa   |
|              | Window glass               | Strong tempered glass  |
|              | Sun shade                  | Supported  |
|              | Ingress Protection         | IP68   |
|              | Vandal Resistant           | IK10(Housing)  |
|              | Surge Protection           | TVS4000V   |
|              | Reset Button               | Supported  |
|              | Dimensions                 | 523x406x221 mm   |
|              | Net Weight                 | 17.5 kg  |

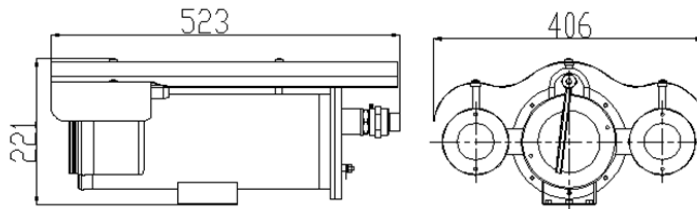
# 4MP EXPLOSION PROOF BULLET CAMERA



**ENC-HBU7Z-200R-24**

|       |           |                                   |
|-------|-----------|-----------------------------------|
| MODEL | Model No. | ENC-HBU7Z-200R-24                 |
|       | Type      | 4MP EXPLOSION PROOF BULLET CAMERA |

Dimension Unit : mm



## ORDERING INFORMATION

| Part Number       | Description  | Standard Quantity |
|-------------------|--|-------------------|
| ENC-HBU7Z-200R-24 | 4MP SS316L Explosion Proof IR IP H.265 Bullet Camera with 30X Optical Zoom Lens, PoE+, SD Card Slot, WDR, Smart Analytics, Wiper and 200m IR Support | 1                 |
| ENB-BZUW68        | Wall Mount Bracket for Eyenor Explosion / Corrosion Proof Bullet Camera  | 1                 |
| ENB-BZUH68        | Corner Mount Bracket for Eyenor Explosion / Corrosion Proof Bullet Camera  | 1                 |
| ENB-BZUV68        | Pole Mount Bracket for Eyenor Explosion / Corrosion Proof Bullet Camera  | 1                 |
| ENA-EXH010        | 1 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera   | 1                 |
| ENA-EXH015        | 1.5 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera   | 1                 |
| ENA-EXH020        | 2 Meter Explosion / Corrosion Proof Hose for Eyenor Explosion / Corrosion Proof Camera   | 1                 |

## PACKING INFORMATION

| Part Number       | Packing Mode | Gross weight(Kg) | Dimension(mm) |
|-------------------|--------------|------------------|---------------|
| ENC-HBU7Z-200R-24 | Carton Box   | -                | -             |