

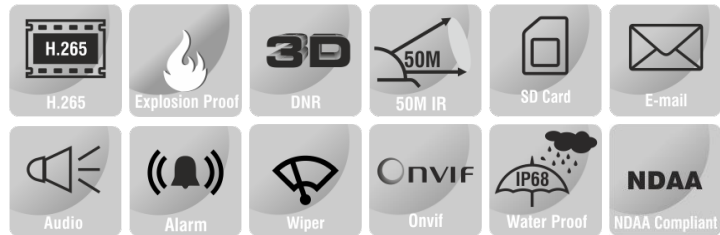
# 4MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU7M-50R-24

### FEATURES

|  |
|--|
| Starlight Illumination                                 |
| 2.7 ~ 13.5 mm Motorized Lens                           |
| Smart IR up to 50 m (Optional White Light Support)     |
| ONVIF Profile (S, G, T, M)                             |
| Triple Stream  |
| Audio and Alarm Support                                |
| 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                        |
| IP68, PoE++  |



### SPECIFICATION

| MODEL       | Model No.               | ENC-HBU7M-50R-24                            |
|-------------|-------------------------|---|
|             | Type                    | 4MP EXPLOSION PROOF BULLET CAMERA           |
| CAMERA      | Image Sensor            | 1/2.8" CMOS Progressive 4.0 MegaPixel       |
|             | Lens Type               | Motorized                                   |
|             | Focal Length            | 2.7 ~ 13.5 mm                               |
|             | Focus                   | Auto / Manual                               |
|             | Iris                    | Fixed Auto Iris / DC Auto Iris*             |
|             | Angle of View (H)       | 94.2° ~ 29.3°                               |
|             | Angle of View (V)       | 70.3° ~ 22.0°                               |
|             | Angle of View (D)       | 117.5° ~ 36.6°                              |
|             | Aperture Range          | F1.6 ~ F3.3                                 |
|             | 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 | 3D DNR                                      |
| S/N Ratio   | ≥60 dB                  |   |
| Defog       | Smart Defog             |   |
| WDR         | 120 dB                  |   |
| Smart IR    | Up to 50 m              |   |
| White Light | Up to 50 m (Optional)   |   |
| Wavelength  | 850 nm                  |   |

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\*Available based on requirements

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## ENC-HBU7M-50R-24

|              |                            |  |
|--------------|----------------------------|--|
| MODEL        | Model No.                  | ENC-HBU7M-50R-24   |
|              | Type                       | 4MP EXPLOSION PROOF BULLET CAMERA  |
| DORI         | Lens                       | 2.7 ~ 13.5 mm  |
|              | Detection                  | 94.0 ~ 276.5 m   |
|              | Observtion                 | 37.2 ~ 111.6 m   |
|              | Recognition                | 18.0 ~ 55.0 m  |
|              | Identification             | 8.0 ~ 27.1 m   |
| VIDEO        | Max. Resolution            | 2592x1520  |
|              | Video Compression          | Enhanced (H.265, H.264), H.265, H.264, MJPEG   |
|              | Frame Rate                 | Main Stream: (2592x1520, 2560x1440, 2304x1296) @ 25 / 30fps, (1920x1080, 1280x720) @ 50 /60fps<br>Sub Stream: (1920x1080, 1280x720, 640x360, 704x480, 704x240, 352x240) @ 30fps, (1920x1080, 1280x720, 640x360, 704x576, 704x288, 352x288) @ 25fps<br>Third Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps |
|              | Stream Settings            | i-Frame, PAL/NTSC, Frame Rate  |
|              | EIS                        | Supported  |
|              | Video Bit Rate             | 32 kbps ~ 8 Mbps / 100 kbps ~ 12 Mbps*   |
|              | Bitrate Type               | CBR, VBR   |
|              | Image Settings             | Brightness, Contrast, Saturation, Sharpness Rotation/Mirror, Gain, Exposure, Day/Night   |
|              | White Balance              | Auto, Daylight, Manual   |
|              | Corridor Mode              | Supported  |
|              | HLC                        | Supported  |
|              | BLC                        | Supported  |
|              | OSD                        | Up to 8 regions  |
|              | OSD Type                   | Title, Week, Date, Time, Text with different colors and adaptable sizes (16x16, 32x32, 48x48, 64x64, 96x96), Image overlay   |
|              | ROI                        | Up to 8 regions  |
|              | Privacy Mask               | Up to 4 regions  |
|              | Heatmap                    | Supported  |
| AUDIO        | Audio Compression          | G.711A, G.711U, ADPCM_D, AAC_LC  |
|              | Audio Bit Rate             | 8 Kbps ,32Kbps, 48 Kbps / 64 Kbps, 128 Kbps *  |
|              | Audio I/O                  | 1/1  |
| SMART        | Behavior Detection         | Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)  |
|              | Intelligent Identification | Loitering, Running, Abandoned Object (Object Left), Missing Object (Object Lost)   |
|              | Statistical Analysis       | Face Detection , People Counting, Human & Vehicle Detection, Abnormal Video & Audio Detection, Wrong Way Detection, Illegal Parking, Scene Change, Abnormal Speed  |
|              | Alarm Management           | Motion Detection, Tampering (Masking), Input & Output Event, IP & MAC Address Conflict, Disk Alarm (Full & RW Error), FTP Server Exception, Abnormal Voltage, Pre/Post Alarm Recording, Alarm Recording/Snapshot   |
|              | Alarm Notifications        | E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)   |
| INTERFACE    | Protocols                  | TCP/IP, UDP, IPv4 ,IPv6, ICMP, HTTP, HTTPS, FTP, NFS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTMP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1X, QoS (DSCP), Unicast, Multicast, ARP, SNMP, SSL, SFTP , P2P   |
|              | Security                   | AES 128 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, Digest Authentication, User Access Log   |
|              | Compatibility              | ONVIF Profile (S, G, T, M), SDK/API/CGI  |
|              | Network                    | 1 x RJ45 10M/100M Self Adaptive Ethernet Port  |
|              | Alarm I/O                  | 2 / 1 (Customizable)   |
|              | Serial Interface           | 1 x RS485  |
|              | Edge Storage               | Micro SD Card Slot, up to 512 GB   |
|              | ANR                        | Supported  |
|              | Built-in Heater            | Supported  |
| Wiper        | Supported                  |  |
| Web Language | 15                         |  |

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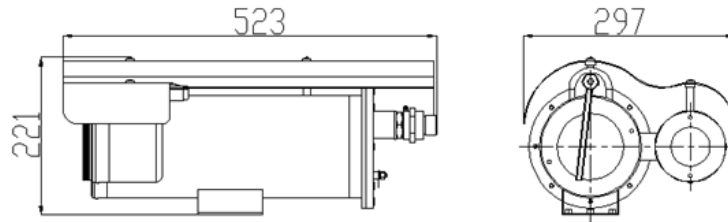
# 4MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU7M-50R-24

| MODEL   |                      | ENC-HBU7M-50R-24  |
|---------|----------------------|---|
|         | Model No.            | ENC-HBU7M-50R-24  |
|         | Type                 | 4MP EXPLOSION PROOF BULLET CAMERA                                       |
| GENERAL | Power Supply         | 110V ~ 240V AC, PoE++ (IEEE 802.3bt), (Optional 24V DC, 48V DC, 24V AC) |
|         | 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   |
|         | Surge Protection     | TVS4000V  |
|         | Ingress Protection   | IP68  |
|         | Reset Button         | Supported   |
|         | Dimensions           | 523x297x221 mm  |
|         | Net Weight           | 15.5 kg   |

Dimension Unit : mm



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# 4MP EXPLOSION PROOF BULLET CAMERA



## ENC-HBU7M-50R-24

### ORDERING INFORMATION

| Part Number  | Description  | Standard Quantity |
|--|--|-------------------|
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and IR with 110V ~ 240V AC)          | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m IR                  | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and White Light with 110V ~ 240V AC) | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m White Light Support | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and IR with 48V DC)                  | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m IR                  | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and White Light with 48V DC)         | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m IR                  | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and IR with 24V DC)                  | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m IR                  | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and White Light with 24V DC)         | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m White Light Support | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and IR with 24V AC)                  | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m IR                  | 1                 |
| ENC-HBU7M-50R-24 (with 2.7 to 13.5mm Motorized Lens and White Light with 24V AC)         | 4MP SS316L Explosion Proof IP H.265 Bullet Camera with 2.7 to 13.5mm Motorized Lens, SD Card Slot, WDR, Smart Analytics, Wiper and 50m White Light Support | 1                 |
| ENB-BZUW68   | Wall Mount Bracket for Norden Explosion Proof Bullet Camera  | 1                 |
| ENB-BZUH68   | Corner Mount Bracket for Norden Explosion Proof Bullet Camera  | 1                 |
| ENB-BZUV68   | Pole Mount Bracket for Norden Explosion Proof Bullet Camera  | 1                 |
| ENA-EXH010   | 1 Meter Explosion Proof Hose for Norden Explosion Proof Camera   | 1                 |
| ENA-EXH015   | 1.5 Meter Explosion Proof Hose for Norden Explosion Proof Camera   | 1                 |
| ENA-EXH020   | 2 Meter Explosion Proof Hose for Norden Explosion Proof Camera   | 1                 |

### PACKING INFORMATION

| Part Number      | Packing Mode | Gross weight(Kg) | Dimension(mm) |
|------------------|--------------|------------------|---------------|
| ENC-HBU7M-50R-24 | Carton Box   | -                | -             |

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