

2MP CORROSION PROOF BULLET CAMERA



ENC-HBU5M-200R-29

FEATURES

| |
|---|
| Starlight Illumination |
| 316L Stainless Steel Construction |
| 2.7~13.5 mm (Optional 5 ~ 50 mm) Motorized Lens |
| Smart IR up to 200 m |
| ONVIF Profile (S, G, T) |
| Wiper Support |
| PoE+, IP68 |



SPECIFICATION

| MODEL | Model No. | ENC-HBU5M-200R-29 |
|-------------------------|--------------------|---|
| | Type | 2MP CORROSION PROOF BULLET CAMERA |
| CAMERA | Image Sensor | 1/2.8" CMOS Progressive 2.0 MegaPixel |
| | Day / Night | IR Cut Filter with Auto Switch |
| | Lens Type | Motorized |
| | Focal Length | 2.7~13.5 mm (Optional 5 ~ 50 mm) |
| | Focus | Auto / Manual |
| | Iris | DC Auto Iris |
| | Lens Mount | Φ14 |
| | Angle of View (H) | 102.8° ~ 31.3° (Optional 55.6° ~ 6.0°) |
| | Angle of View (V) | 57.3° ~ 17.6° (Optional 32.7° ~ 3.5°) |
| | Angle of View (D) | 117.6° ~ 35.9° (Optional 64.5° ~ 6.9°) |
| | Angle Adjustment | Bracket; Pan: 0~360°, Tilt: 0~75°, Rotate: 0~360° |
| | Aperture Range | F1.6 ~ F3.3 |
| | 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 200 m | |
| Wavelength | 850 nm | |

★Product specification and availability are subject to change without notice.

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| | | |
|----------------|----------------------------|--|
| MODEL | Model No. | ENC-HBU5M-200R-29 |
| | Type | 2MP CORROSION PROOF BULLET CAMERA |
| DORI | Lens | 2.7 ~ 13.5 mm (Optional 5 ~ 50 mm) |
| | Detection | 38.5 ~ 165.5 m (Optional 75.2 ~ 733.0 m) |
| | Observation | 15.0 ~ 65.5 m (Optional 30.0 ~ 295.3 m) |
| | Recognition | 7.5 ~ 33.0 m (Optional 14.1 ~ 146.4 m) |
| | Identification | 3.5 ~ 16.5m (Optional 6.2 ~ 73.2 m) |
| VIDEO | Max. Resolution | 1920x1080 |
| | Video Compression | Enhanced (H.265,H.264), H.265, H.264, MJPEG |
| | Frame Rate | (2.7 ~ 13.5 mm) Main Stream: (1920x1080, 1280x720, 704x480, 640x480) @ 30fps,(1920x1080, 1280x720, 704x576, 640x480) @ 25fps, Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (704x480, 704x240, 352x240) @ 30fps, (704x576, 704x288, 352x288) @ 25fps (Optional 5 ~ 50 mm) Main Stream: (1920x1080, 1280x720, 704x576) @ 50/60fps Second Stream: (704x576, 640x480, 640x360, 352x288, 320x240) @ 25/30fps Third Stream: (640x480, 352x288, 320x240,) @ 25/30fps Fourth Stream: (640x480, 352x288, 320x240) @ 25/30fps (Optional) |
| | Stream Settings | i-Frame, PAL/NTSC, Frame Rate (1~30FPS), EIS, SVC |
| | Video Bit Rate | 32 kbps ~ 8 Mbps |
| | Bitrate Type | CBR, VBR |
| | Image Settings | Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night |
| | White Balance | Auto, Semi Auto, Sunshine, Daylight, Warm Light, Filament, Nature Light, Lock WB, 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), Image overlay |
| | ROI | Up to 8 regions |
| | Privacy Mask | Up to 8 regions |
| | Heatmap | Supported |
| | AUDIO | Audio Compression |
| Audio Bit Rate | | 8 Kbps, 32Kbps, 48Kbps |
| Audio I/O | | 1/1 |
| Audio Voltage | | Audio input, level 5V, input impedance 1500 ohms Audio output, level 3V, output impedance 100 ohms |
| SMART | Behavior Detection | Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire) |
| | Intelligent Identification | Loitering, Running, Abandoned Object (Object Left), Missing Object (Object Lost), Parking |
| | Statistical Analysis | Face Detection (Capture), People Counting, Crowd Detection, On Duty Detection, Helmet Detection, Human & Vehicle Classification, Abnormal Video & Audio Detection |
| | Alarm Management | Motion Detection, Tampering (Masking), Input & Output Event, IP & MAC Address Conflict, Disk Alarm (Full & R/W Error), FTP Server Exception, Abnormal Voltage, Pre/Post Alarm Recording, Alarm Recording/Snapshot |
| | Alarm Notification | E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording) |

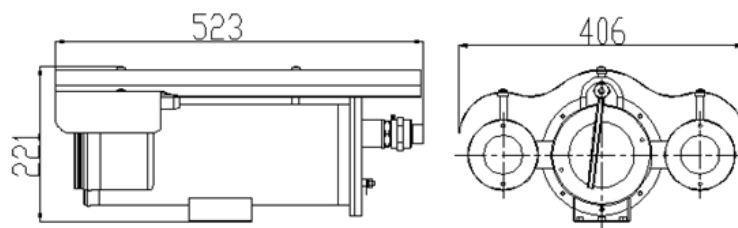
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| MODEL | Model No. | ENC-HBU5M-200R-29 |
|--------------------|------------------------|---|
| | Type | 2MP CORROSION PROOF BULLET CAMERA |
| INTERFACE | Protocols | TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, NFS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTMP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1X, QoS (DSCP), Unicast, Multicast, ARP, SNMP, SSL, Telnet, SFTP (SSH), P2P |
| | Security | AES Video 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), SDK/API/CGI |
| | Network | 1 x RJ45 10M/100M Self Adaptive Ethernet Port |
| | Wi-Fi | N/A |
| | Alarm I/O | 2/1 |
| | Alarm Voltage | Input (switch type) , Output (3.3V-12V, 10 ohm) |
| | RS485 | Supported |
| | USB | N/A |
| | Edge Storage | Micro SD card slot, up to 512 GB |
| | ANR | Supported |
| | Built-in Heater | Supported(Optional) |
| | Wiper | Supported |
| | Cable Interface | Pig Tail |
| Remote Connection | ≤7 | |
| Client Application | EyeConnect | |
| Web Language | 16 | |
| GENERAL | Power Supply | 110V ~ 240V AC / 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 |
| | Surge Protection | TVS4000V |
| | Ingress Protection | IP68 |
| | Reset Button | Supported |
| | Dimensions | 523x406x221 mm |
| Net Weight | 17.5 kg | |

Dimension Unit : mm



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ENC-HBU5M-200R-29

ORDERING INFORMATION

| Part Number | Description | Standard Quantity |
|-------------------|--|-------------------|
| ENC-HBU5M-200R-29 | 2MP SS316L Corrosion Proof IR IP H.265 Bullet Camera with 2.7 to 13.5 mm (Optional 5 to 50 mm) Motorized Lens, PoE+, SD Card Slot, WDR, Smart Analytics, Wiper and 200m 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-HBU5M-200R-29 | Carton Box | - | - |