



## 4MP IP Water-Proof IR Bullet Camera

K-BIP4MPMZW

SKU: 113398

With upgraded H.265 encoding technology, the Karbon Vision network camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays a better color image in the condition of low illumination. It supports SD card storage, dust-proof function, waterproof function, and vandal-proof function, complying with the standards of IP67 (Supported by some select models). The camera passes a series of strict tests on dust and soak. It has a dustproof function, and the enclosure can work normally after soaking in 1 m deep water for 30 minutes. Wide voltage: The camera allows  $\pm 30\%$  input voltage tolerance (wide voltage range), and it is widely applied to the outdoor environment with unstable voltage.

### Features

- H.265+/H.265/H.264/MJPEG coding
- Max Resolution: 4MP (2560—1440)
- ICR auto switch, true day, high vision
- 3D DNR, WDR, HLC, BLC, smart IR, ect.
- ROI coding
- 30-50m IR night view distance
- Built-in micro SD card slot, up to 256 GB
- DC12V/PoE
- IP67 ingress protection
- Support remote monitoring by smartphones 8, tablet PCs, with iOS and Android OS

Camera Image Sensor 1/3" Progressive Scan CMOS Min. Illumination Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR Shutter Speed 1/3 s to 1/100,000 s Slow Shutter Yes Day & Night IR Cut Filter Digital Noise Reduction 3D DNR WDR 120dB 3-Axis Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° Lens Focal length 2.8/4/6/8 mm Aperture F1.6 Focus Fixed FOV 2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm, horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45° Lens Mount M12 IR IR Range Up to 30 m Wavelength 850nm Compression Standard Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264 H.264 Type Main Profile/High Profile H.264+ Main stream supports H.265 Type Main Profile H.265+ Main stream supports Video Bit Rate 32 Kbps to 16 Mbps Smart Feature-set Smart Event Line crossing detection, intrusion detection, face detection Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Linkage Method Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email Region of Interest 1 fixed region for main stream and sub-stream Image Max. Resolution 2560 x 1440 Main Stream 50Hz: 25fps (2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 30fps (2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720) Sub-Stream 50Hz: 25fps (640 x 480, 640 x 360, 320 x 240) 60Hz: 30fps (640 x 480, 640 x 360, 320 x 240) Third Stream 50Hz: 25fps (1280 x 720, 640 x 360, 352 x 288) 60Hz: 30fps (1280 x 720, 640 x 360, 352 x 240) Image Enhancement BLC/3D DNR/HLC Image Setting Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser Target Cropping No Day/Night Switch Day/Night/Auto/Schedule Network Network Storage Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS), ANR Protocols TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening Security Password protection, complicated password, HTTPS encryption,

802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2 API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Simultaneous Live View Up to 6 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Client iVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: IE8+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Video Output No On-board storage Built-in Micro SD/SDHC/SDXC slot, up to 128 GB SVC H.264 and H.265 encoding Reset Button Yes General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) Web Client Language 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC  $\pm$  25%,  $\hat{I}$ : 5.5 mm coaxial power plug PoE (802.3af, class 3) Power Consumption and Current 12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W Protection Level IP67 Material Metal