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|  | | Key features | |
| | | <ul style="list-style-type: none"> • 1/2.8" Progressive Scan CMOS • Up to 3K(3072*1728)@15FPS • Excellent low-light performance • 4x Optical Zoom, 16x Digital Zoom • H.265+, H.265, H.264+, H.264 • 120 dB WDR, 3D DNR • IP66, IK10 Protection • 12 VDC and PoE (802.3af) | |
| Model Number | | I91BK | |
| IP Camera | | | |
| Camera | Image Sensor | 1/2.8" Progressive Scan CMOS | |
| | Max resolution | 3K(3072*1728), 16: 9 picture ratio is more suitable for the most popular display | |
| | Main Stream | 50 Hz: 15 fps (3072*1728), 25 fps (1920*1080, 1280*960, 1280*720) 60 Hz: 15 fps (3072*1728), 30 fps (1920*1080, 1280*960, 1280*720) | |
| | Sub-stream | 50 Hz: 25 fps (704*480, 640*480, 352*240) 60 Hz: 30 fps (704*480, 640*480, 352*240) | |
| | Third stream | 50 Hz: 25 fps (1920*1080, 1280*960, 1280*720, 704*480, 640*480, 640*360) 60 Hz: 30 fps (1920*1080, 1280*960, 1280*720, 704*480, 640*480, 640*360) | |
| | Video Compression | Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG | |
| | Video Bit Rate | 256 Kbps - 16384 kbps | |
| | Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC | |
| | Audio Bit rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/16Kbps(AAC) | |
| | Audio Sampling Rate | AAC: 16 kHz, 32 kHz, 48 kHz; MP2L2: 16 kHz, 32 kHz, 48 kHz; PCM: 8 kHz, 16 kHz, 32kHz, 64 kHz | |
| | Lens | 2.8-12 mm, 4x optical zoom, 16x digital Zoom | |
| | Shutter Speed | 1/1 s to 1/30,000 s | |
| | Slow Shutter | Yes | |
| | Min. Illumination | Color: 0.005 lux @ (f/1.5, AGC on), b/w: 0.001 lux @ (f/1.5, AGC on), 0 lux with IR | |
| | Angle of View | Horizontal FOV 96.7° to 31.6°, vertical FOV 51.1° to 17.7°, diagonal FOV 115.1° to 36.3° | |
| | PT Movement Range | PAN: 0° to 355°, Tilt: From 0° to 90° | |
| | PT Speed | Configurable, from 0.1°/s to 100°/s, preset speed: 100°/s | |
| | Number of Infrared LEDs | 4 pcs | |
| | Night Vision Distance | Up to 65 ft/20 m | |
| | Image Enhancement | 3D DNR, HLC, EIS, regional exposure, regional focus, digital defog | |
| | Wide Dynamic Range | 120 dB True WDR | |
| | Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, | |
| | API | Open Network Video Interface (Version 18.12, Profile S, Profile G, Profile T), ISUP | |
| | Region of Interest (ROI) | 8 fixed regions for each stream | |
| | Privacy Mask | 24 programmable polygon privacy masks, mask color or mosaic configurable | |
| | Basic Event | Motion detection, video tampering alarm, exception | |
| | Smart Event | Face detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection | |
| Audio | Build in mic, and support 1-ch audio input and 1-ch audio output | | |
| Ethernet | 1 RJ45 10M/100M self-adaptive Ethernet port | | |
| Power Output | 12 VDC, max. 60 mA | | |
| General | Material | Aluminum alloy, PC, PC + ABS | |
| | Color | White & Black | |
| | Operating Power | 12 VDC, Max. 9.2 W; PoE (802.3af) | |
| | Storage | Support MicroSD Card (up to 256 GB) and NAS(NFS, SMB/CIFS) | |
| | Operating Temperature | -4° to 140° F (-20° to 60° C) | |
| | Indoor/Outdoor | Indoor/Outdoor | |
| | Protection Level | IP66, IK10, TVS 4000V lightning protection, surge protection, and voltage transient protection | |
| | Dimension | Ø 5.15" x 4.00" (Ø 130.7 mm x 101.7 mm) | |
| Weight | Approximately 1.17 lbs (0.53 kg) | | |
| Packaging Contents | | | |
| Camera | 1 | | |
| Mounting Screw Bag | 1 | | |
| User Manual | 1 | | |
| Waterproof Lid | 1 | | |