

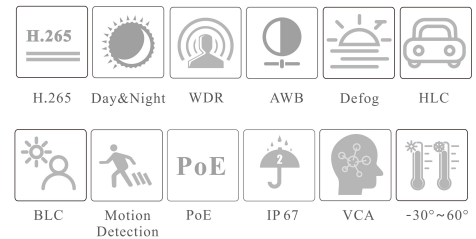
CAMERA

HP-97B802ABFPE

8MP HD Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- 30~50m IR night view distance
- 1CH audio input
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- IP 67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



SPECIFICATIONS

| Specifications | Model | HP-97B802ABFPE | | | |
|----------------------------|---|---|------------------|-----------------|--|
| Camera | | | | | |
| Image Sensor | 1 / 2.8" CMOS | | | | |
| Image Size | 3840×2160 | | | | |
| Electronic Shutter | 1 / 2 s ~ 1 / 100000 s | | | | |
| Iris Type | Fixed Iris | DC Iris | | | |
| Min. Illumination | 0.02 lux @ F1.6, AGC ON; 0 lux with IR | | | | |
| Lens | 2.8 mm @F1.6, H.FoV:101°; V.FoV:53°; D.FoV:120° | 2.8-12mm@F1.6, H.FoV:99°~33°; V.FoV:53°~17°; D.FoV:117°~37° | | | |
| Focus | Fixed | Motorized | | | |
| Lens Mount | M12 | Φ14 | | | |
| Day&Night | ICR | | | | |
| Wide Dynamic Range | 120dB | | | | |
| BLC | Yes | | | | |
| HLC | Yes | | | | |
| Defog | Yes | | | | |
| Digital NR | 3D DNR | | | | |
| S/N Ratio | ≥ 50dB | | | | |
| Angle Adjustment | Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360° | | | | |
| DORI Distance | | | | | |
| Lens | Detect | Observe | Recognize | Identify | |
| 2.8mm | 86.65m(284.28ft) | 34.66m(113.71ft) | 17.33m(56.85ft) | 8.66m(28.41ft) | |
| 2.8~12mm(W) | 86.65m(284.28ft) | 34.66m(113.71ft) | 17.33m(56.85ft) | 8.66m(28.41ft) | |
| 2.8~12mm(T) | 289.06m(552.31ft) | 115.62m(240.12ft) | 57.81m(136.06ft) | 28.91m(84.04ft) | |
| Image | | | | | |
| Video Compression | Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG | | | | |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile | | | | |
| Resolution | 8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP (2592 × 1520), 2K(2560 × 1440), 3MP(2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240 | | | | |
| Main Stream | 60Hz: 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz: 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps) | | | | |
| Sub Stream | 60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps) 50Hz: 720P/D1/480 × 240(1~25fps) | | | | |
| Third Stream | 60Hz: 720P/D1/CIF/480 × 240 (1~30fps) 50Hz: 720P/D1/CIF/480 × 240 (1~25fps) | | | | |
| Bit Rate | 64 Kbps ~ 12 Mbps | | | | |
| Bit Rate Type | VBR / CBR | | | | |
| Audio Compression | G711A / U | | | | |
| Image Settings | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser | | | | |
| ROI | Each ROI to be configured separately | | | | |
| Interfaces | | | | | |
| Network | RJ 45 10M/100M self-adaptive Ethernet port | | | | |
| Video Output | No | | | | |
| Audio | 1CH audio input | | | | |
| Storage | Built-in micro SD card slot; up to 256GB | | | | |
| Reset | Yes | | | | |
| Functions | | | | | |
| Remote Monitoring | IE browser/ TVT NVR / NVMS / mobile APP | | | | |
| Web Browser | IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+ | | | | |
| Online Connection | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission | | | | |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS | | | | |
| Interface Protocol | ONVIF | | | | |
| Storage | Network remote storage; micro SD card storage | | | | |
| Smart Alarm | Motion detection; SD card error; SD card full | | | | |
| Intelligent Analytics | Scene change, video blur detection, abnormal color detection, line crossing detection, intrusion detection | | | | |

| | |
|--------------------------|--|
| General function | Watermark, video mask, heartbeat, corridor pattern |
| Security | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS |
| IR Distance | 30~50m |
| Protection Grade | IP 67 |
| PoE | Yes (IEEE802.3af) |
| Others | |
| Power Supply | DC12V/PoE |
| Power Consumption | < 10W |
| Storage Conditions | - 30 °C ~ 65 °C (-22 °F ~ 149 °F), Humidity: less than 95 % (non-condensing) |
| Operating Conditions | - 30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: less than 95 % (non-condensing) |
| Dimensions (mm) | 217.8 × 80.5 × 80.3 |
| Weight (net) | Approx. 0.662KG |
| Installation | Ceiling mounting; Wall mounting |
| Certificate | CE, FCC |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006) |

DIMENSIONS

