



4K ULTRA HD

Network Camera Series



- 4K Ultra HD
- H.265 H.264 Compression
- ROI Support
- Video Analytics Support
- Onvif Support
- DAY & Night Support
- LED Smart IR
- BLC Support
- WDR Digital
- PoE Support
- MIC Built-in

CAMERA 7800 SERIES

4K Ultra HD Network Camera



Feature

- * 1/2.8" progressive scan CMOS
- * 3840(H)x2160(V), 8.0MP@25fps
- * H.265/H.265+/H.264/H.264+
- * Triple stream
- * 2.8 mm
- * IR SMD 2 pcs., Up to 30M.,
- * IR CUT (IR Filters)
- * WDR, DEFOG, BLC, ATW, AGC, ROI, 3D-DNR, ONVIF2.6, P2P
- * Smart Intelligent Detection, Email alarm, Motion alarm
- * IP66
- * Mic-Built-in
- * Power supply 12VDC/POE

Specification

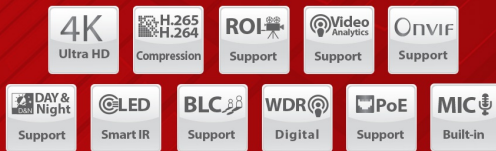
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Model	HP-78B802PE-AI
Image Sensor	1/2.8" progressive scan CMOS
Pixels	3840(H)x2160(V), 8.0MP.
Min. Illumination	Color 0.1lux @ F1.2(AGC ON) / B/W 0 lux @ IR ON
Shutter Speed	1/5s – 1/20000s/AUTO
Slow Shutter	Supported (Auto, Manual)
Day / Night	Auto (ICR) / Color / B/W
IR CUT (IR Filters)	Supported
Wide Dynamic Range	Digital WDR (Auto, Manual)
White Balance	AUTO / INDOOR / MANUAL
Gain Control (AGC)	Auto / Manual (Off / Low / Mid / High)
Backlight Compensation	BLC (Low, Mid, High)
Defog	Supported (Auto, Manual)
Lens	
Mount Type	M12
F-Stop	F1.6 ±10%
Focal Length	2.8 mm
Angle of View	H: 87.55°, V: 44.42°
Infrared	
IR	IR SMD 2 pcs.
IR Distance	Up to 30M.
IR Intensity	Smart IR
IR Swap	Supported
Video / Audio	
Video Compression	H.265/H.265+, H.264/H.264+ (Baseline, Main profile, High profile)
Audio Compression	G711A, G711U
Recording / PreRecord	YES
Record Schedule / Playback	YES
Stream	Triple-Stream
Image Resolution	Main Stream 8MP (3840x2160), 4MP(2592x1520), 3MP(2304x1296) 1080P(1920x1080), 720P(1280x720) Sub Stream 1080P(1920x1080), 720P(1280x720), VGA(640x480) QVGA(320x240) Mobile Stream VGA(640x480), QVGA(320x240)
Frame Rate	Main Stream 1~25fps, Sub Stream 1~25fps, Mobile Stream 1~25fps
Bitrate	8Kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Privacy Masking	Supported Up to 4 zones
Digital Noise Reduction	3D noise reduction (Auto, Manual)
Digital Defog	Supported
Image Setting	Hue, Bright, Contrast, Saturation, Sharpness
Image Flip/Mirror	Supported
Lens Flip	Supported
Angle Flip / Angle Rotation	Supported
Corridor Mode / E-Zoom	Supported
Anti Flicker	Supported (50Hz, 60Hz)
OSD Setting	Supported
Network	
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, P2P

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Model	HP-78B802PE-AI
DDNS	Hiview DDNS, Dyn dns, NO-IP,3322
User Interface	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower,
Account Management	Supported
Max. User Access	Max. 7 accounts
Application Programming	ONVIF
Cloud (P2P)	Supported
Import Export Config	Supported
Network Upgrade	Supported
IP Filter	Supported
Maintain (Auto Reboot)	Supported
Alarm	
Push Alarm (App)	Supported
Email Alarm	Supported
Motion Detection	Supported
Sound Detection	Supported
Alarm Events	Text overlay, Email notice, LOG
Alarm Triggers	Email / FTP/Dropbox
Smart Intelligent Detection	Perimeter Intrusion Detection (PID) Line Crossing Detection (LCD) Human&Vehicle Detection (PD&VD) Face Detection (FD) Cross Counting. (CC) Heat Map (HM) Goods Lost Legacy (SOD) Crowd Density Detection(CD) Queue Length Detection(QD)
Face database	30,000
Capture face rate	32 faces/Secs
Intelligent Schedule	Supported
Intelligent Analysis Report	Supported (Daily, Weekly, Monthly, Quarter,Year)
Intelligent AnalysisExport	Supported (Excel format)
Interfaces	
Ethernet	10/100M, RJ45 interface x1
Memory Slot	YES up to 256GB
Built-in Mic	x1
Power input DC jack	x1
Environmental	
Operating Temperature	-30C ~ +55C
Storage Temperature	-30C ~ +60C
Operating Humidity	10% ~ 90%
Protection Level	IP66
Electrical	
POE	Supported
Power Supply	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	IR Off ≤7W
Mechanical	
Casing Material	Metal bullet

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