



# 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

- \* 1/2.7" progressive scan CMOS
- \* 3840(H)x2160(V), 8.0MP@25fps
- \* H.265/H.265+/H.264/H.264+
- \* Triple stream
- \* Lens 3.6 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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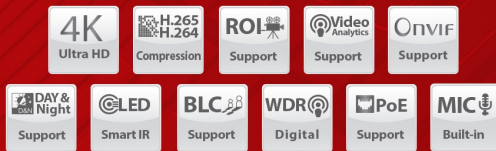
Model	HP-78B802PE-AI
Image Sensor	1/2.7" progressive scan CMOS
Pixels	3840(H)x2160(V), 8.0MP.
Min. Illumination	Color 0.1lux @ F1.2(AGC ON) / B/W 0 lux @ IR ON
Shutter Speed	1/5s – 1/20000s/AUTO
Slow Shutter	Supported (Auto, Manual)
Day / Night	Auto (ICR) / Color / B/W
IR CUT (IR Filters)	Supported
Wide 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)
<b>Lens</b>	
Mount Type	M12
F-Stop	F1.6 ±10%
Focal Length	3.6 mm
Angle of View	H: 87.55°, V: 44.42°
<b>Infrared</b>	
IR	IR SMD 2 pcs.
IR Distance	Up to 30M.
IR Intensity	Smart IR
IR Swap	Supported
<b>Video / Audio</b>	
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
<b>Network</b>	
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, P2P

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4K Ultra HD Network Camera



## Specification

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## 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

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
<b>Alarm</b>	
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)
<b>Interfaces</b>	
Ethernet	10/100M, RJ45 interface x1
Memory Slot	YES up to 256GB
Built-in Mic	x1
Power input DC jack	x1
<b>Environmental</b>	
Operating Temperature	-30C ~ +55C
Storage Temperature	-30C ~ +60C
Operating Humidity	10% ~ 90%
Protection Level	IP66
<b>Electrical</b>	
POE	Supported
Power Supply	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	IR Off ≤7W
<b>Mechanical</b>	
Casing Material	Metal bullet

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