

4K ULTRA

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

Specification

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Feature

- 1/2.3" progressive scan CMOS
- Pixels 3840(H)x2160(V), 8.0MP. / H.265, H.264
- Min. Illumination Color 0.1lux @ F1.2(AGC ON)
B/W 0 lux @ IR ON
- Stream Triple-Stream
- Focal Length 3.6 mm
- IR SMD 18 pcs., Up to 30M., Smart IR
- 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-78B80PE
Image Sensor	1/2.3" 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 (Autp, 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	F2.0 +-5%
Focal Length	3.6 mm
Angle of View	H.FOV: 85
Infrared	
IR	IR SMD 18 pcs.
IR Distance	Up to 30M.
IR Intensity	Smart IR
IR Swap	Supported
Video / Audio	
Video Compression	H.265, H.264 (Baseline, Main profile, High profile)
Audio Compression	G711A, G711U, ADPCM, G726 16k, G726 24k, G726 32k, G726 40k
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 1~15fps Sub Stream 1~15fps Mobile Stream 1~15fps
Bitrate	8Kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Privacy Masking	Supported Up to 4 zones
ROI	Supported (Max.8)
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	Supported
Angle Rotation	Supported
Corridor Mode	Supported
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
DDNS	Hiview DDNS, DynDNS, NO-IP, 3322
User Interface	IE 11, CMS, APP
Account Management	Supported

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Specification

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Model	HP-78B80PE
Max. User Access	Max. 7 accounts
Application Programming	ONVIF 2.6
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 (max.3 receivers)
Motion Detection	Supported
Occlusion Detection	Supported
Alarm Events	Text overlay, Email notice, LOG
Alarm Triggers	Email / FTP
Smart Intelligent Detection	Perimeter Intrusion Detection (PID) Line Crossing Detection (LCD) Stationary Object Detection (SOD) Pedestrian Detection (PD) Face Detection (FD) Cross Counting. (CC)
Intelligent Schedule	Supported
Intelligent Analysis Report	Supported (Daily, Weekly, Monthly, Annual) List, Histogram, Line Chart
Intelligent AnalysisExport	Supported (Excel format)
Interfaces	
Ethernet	10/100M, RJ45 interface x1
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 (Class 0)
Power Supply	12V DC +- 10% / PoE (IEEE802.3af)
Power Consumption	IR Off ≤7W
Mechanical	
Casing Material	Metal bullet
Weight	appr. 349g
Dimensions	∅72 X154mm
Mounting Bracket	Bracket included

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