

4K ULTRA HD

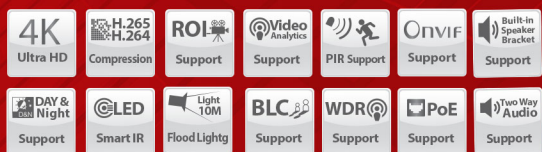
Network Camera Series



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|-----------------------------------|--------------------------------------|------------------------------------|--------------------------------------|-----------------------|-------------------------|--|
| 4K
Ultra HD | H.265
H.264
Compression | ROI
Support | Video
Analytics
Support | PIR
Support | ONVIF
Support | Built-in
Speaker
Bracket
Support |
| DAY & Night
Support | LED
Smart IR | Light
10M
Flood Light | BLC
Support | WDR
Support | PoE
Support | Two Way
Audio
Support |

CAMERA 7800 SERIES

4K Ultra HD Network Camera



Feature

- 1/3" 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 4.5 mm
- 2 Array IR (850nm), Up to 30M., Smart IR
- Flood light Array x2 Pcs., Up to 10M
- 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, Speaker-Built-in, TF-card, PIR Sensor
- Power supply 12VDC/POE (IEEE 802.3af)



CAMERA 7800 SERIES

4K Ultra HD Network Camera

Specification

1/1

Model	HP-78B80PE/L
Image Sensor	1/3" progressive scan CMOS
Pixels	8.0MP (3840(H)x2160(V)) @15fps / 2.0MP (1920(H)x1080(V)) 25fps.
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/ Schedule
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	4.5 mm
Angle of View	H.FOV: 85
Infrared	
IR	2 Array IR (850nm)
IR Angle	100
IR Distance	Up to 30M.
IR Intensity	Smart IR
IR Swap	Supported
White Light	
Flood Light	Array x2 Pcs.
Flood Light Distance	Up to 10M
PIR	
PIR Angle	Up to 115
PIR Distance	Up to 7M.
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
Two-Way-Audio	Supported
Recording	Main Stream, Sub Stream
PreRecord	Supported
Record Schedule	Supported (Normal, Motion, PIR)
Playback	Supported (IE TF-Card)
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 8mp 1~15fps Sub Stream 8mp 1~15fps Mobile Stream 8mp 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



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- 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, Speaker-Built-in, TF-card, PIR Sensor
- SDK Software
- Power supply 12VDC/POE (IEEE 802.3af)



CAMERA 7800 SERIES
4K Ultra HD Network Camera

Specification

1/2

Model	HP-78B80PE/L
Lens Flip / Angle Flip	Supported
Angle Rotation	Supported
Corridor Mode	Supported
E-Zoom / OSD Setting	Supported
Anti Flicker	Supported (50Hz, 60Hz)
Network	
Network Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP / RTSP / IPv4 / IPv6 PPPoE,SMTP,NTP,UPnP, SNMP,HTTPS,FTP, P2P
DDNS	Hiview DDNS, Dyn dns, NO-IP,3322
User Interface	IE 11, CMS, APP
Account Management	Supported
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
PIR Alarm	Supported
Occlusion Detection	Supported
Alarm Events	Text overlay, Email notice, LOG
Alarm Triggers	Email / FTP/ Siren/ Light/ Record
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
PIR Sensor	Supported x1
Memory Slot	Supported x1 (Max. 128GB)
Built-in Mic / Built-in Speaker	x1
Power input DC jack	x1
Environmental	
Operating Temperature	-20C ~ +40C
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	Φ70mmx151mm
Mounting Bracket	Bracket included