



H.265
Compression Code

2M Megapixel
Network Camera Series



MIC

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|--------------------|-----------------------------|-------------------------|-----------------------|---------------------------------------|-----------------------|-----------------------------------|------------------------|------------------------|-----------------------|-----------------------|
| 2M
Pixel | H.265
Compression | ONVIF
Support | POE
Support | Motion
Analytics
Support | ★
Starlight | DAY & NIGHT
Support | MIC
Built-in | LED
Smart IR | BLC
Support | WDR
Digital |
|--------------------|-----------------------------|-------------------------|-----------------------|---------------------------------------|-----------------------|-----------------------------------|------------------------|------------------------|-----------------------|-----------------------|

CAMERA 7800 SERIES
2Megapixel Network Camera



H.265
Compression Code



Feature

- 1/2.8" Progressive CMOS
- 2MP 1920(H) x 1080(V)
- Video Compression Format H.265 / H.264
- Focal Length (Zoom Ratio) 2.8mm
- Lens Type Fixed(M12)
- Day & Night IR cut filter with auto switch (Day / Night / Auto / Schedule)
- On-Board Storage Micro SD slot, up to 256GB
- Smart Feature SMD
- Ingress Protection IP66
- IP IPv4
- Input Voltage / Current D12V / POE(IEEE802.3af)

CAMERA 7800 SERIES
2Megapixel Network Camera

Specification

Model		HP-78B20STPE
Imaging Device	1/2.8"	
Effective Pixels	2MP 1920(H) x 1080(V)	
Scanning System	Progressive CMOS	
Min. Illumination	Color 0.05lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON	
Lens Type		
Focal Length (Zoom Ratio)	2.8mm	
Max. Aperture Ratio	F No. 1.6±5%	
Angular Field of View	Horizontal: 91°, Vertical:46°, Diagonal:110°	
Min. Object Distance	0.2M	
Lens Type	Fixed (M12)	
Operational		
IR Viewable Length	Up to 30m	
Camera Title	On / Off	
Day & Night	IR cut filter with auto switch (Day / Night / Auto / Schedule)	
Backlight Compensation	Off / On (5 Zone)	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off / On (8 Level)	
Privacy Masking	Off / On (4 Zone, Rectangle)	
Gain Control	Auto	
White Balance	Auto / Manual / Indoor	
Electronic Shutter Speed	1/5 ~ 1/20000s	
Flip / Mirror	Flip / Rotation	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Microphone	YES	
Outside SD card slot	YES	
Hardware Reset	Yes	
Smart Feature	SMD	
Network		
Ethernet	RJ45 (10/100BASE-T)	
Video Compression Format	H.265 / H.264	
Max. Resolution	Main Stream 1080P (1920x1080) Sub Stream VGA(640x480)	
Max. Framerate	50Hz: 25fps (1920x1080,640x480); 60Hz: 30fps (1920x1080,640x480)	
Video Quality Adjustment	128Kbps ~ 4Mbps	
Bitrate control method	CBR / VBR	
Streaming Capability	Dual-Stream (Main / Sub)	
IP	IPv4	
Protocol	TCP / IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP SMTP, NTP, UPnP, SNMP, HTTPS, FTP	
Security	IP address filter; complicated password Authenticated username and password	
Streaming Method	Unicast / Multicast	
Max. User Access	Max 3 (admin+user)	
Application Programming Interface	ONVIF(Profile S/G/T)	
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower	
Environmental		
Operating Temperature / Humidity	-30~+60° C/less than ≤ 95% RH	
Ingress Protection	IP66	
Electrical		
Input Voltage / Current	D12V / POE(IEEE802.3af)	
Mechanical	Ø71 x 151mm	
Color / Material	White / Metal	