



Colorfull Camera

H.265
Compression Code

2M Megapixel **HD**
Network Camera Series



- | | | | | | | | |
|-----------------------------------|---|-----------------------------------|------------------------------------|-------------------------|-------------------------|---------------------------------------|--|
| 2MP
Ultra HD | H.265
H.264
Compression | ROI
Support | White Light/IR
Dual LEDs | Motion detection | Onvif
Support | Built-in Microphone
Support | TF Card |
| DAY & Night
Support | LED
Smart IR | Light 25M
Warning Light | BLC
Support | WDR
Digital | PoE
Support | Mobile monitoring | IP66
Waterproof
Dustproof |

COLORFULL CAMERA SERIES
2Megapixel Network Camera



H.265

Compression Code



Feature

- 1/2.7" Progressive CMOS
- Effective Pixels 2.0MP 1920(H) * 1080(V)
- Min. Illumination Color 0.05lux @ F1.2(AGC ON)
B/W 0 lux @ IR ON
- Focal Length (Zoom Ratio) 3.6mm
- Video Compression Format H.265/H.264
- Streaming Capability Dual-Stream (Main/Sub)
- Audio Built-in microphone
- EthernetRJ45 x1 (10/100BASE-T)
- IPIPv4 / IPv6
- Hiview DDNS Support
- Application Programming Interface ONVIF
- Cloud P2P (QRCODE)
- Ingress Protection IP66
- Input Voltage / Current D12V/POE(IEEE802.3af)

COLORFULL CAMERA SERIES
2Megapixel Network Camera

Specification

Model		HP-78B20PEL
Imaging Device	1/2.7"	
Effective Pixels	2.0MP 1920(H) * 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)	3.6mm	
Max. Aperture Ratio	F/No. 1.0	
Angular Field of View	H:88.88; V:48.25; D:105.59	
Min. Object Distance	1M	
Lens Type	Fixed (M12)	
Operational		
IR LED Array	2	
Warm Light	2	
IR Viewable Length	Up to 30m	
WarmLight Viewable Length	Up to 25m	
Type of complementary light	Default warm light, switchable infrared light	
Image Control		
Image Setting	Full Color Mode / Day&Night Mode / Schedule	
Backlight Compensation	Off/On (5 Zone)	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Defog	Support	
Gain Control	Auto	
White Balance	Auto / Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
Flip / Mirror	Flip / Rotation	
Flicker Control	50Hz / 60Hz	
Event		
Motion Detection	Off/On (8 Level)	
Alarm Trigering	Sems email / FTP upload / Record	
Video / Audio		
Video Compression Format	H.265/H.264	
Streaming Capability	Dual-Stream (Main/Sub)	
Max. Resolution	Main Stream 1920x1080@25fps / Sub Steam 640x480@20fps	
Video Quality Ajustment	128Kbps ~ 4Mbps	
Bitrate Control Method	CBR/VBR	
Audio	Built-in microphone	
Network		
Ethernet	RJ45 x1 (10/100BASE-T)	
IP	IPv4 / IPv6	
Protocol	TCP/IP,HTTP,HTTPS, DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMPV1,V2,FTP	
Hiview DDNS	Support	
Security	IP address filter, complicated password, Authenticated username and password	
Streaming Method	Unicast / Multicast	
Application Programming Interface	ONVIF	
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower.	
Cloud	P2P (QRCODE)	
Environmental		
Operating Temperature / Humidity	-30C+60C / less than ≤ 95% RH	
Ingress Protection	IP66	
Electrical		
Input Voltage / Current	D12V / POE (IEEE802.3af)	
Power Consumption	5.04W	