



2M Megapixel

Network Camera Series



H.265
Compression Code

- 2M Pixel
- H.265/H.264 Compression
- ONVIF Support
- PoE Support
- DAY & Night Support
- LED Smart IR
- BLC Support
- WDR Digital

CAMERA 7800 SERIES

2Megapixel Network Camera



H.265

Compression Code



Feature

- 1/2.7" Smartsens progressive scan CMOS
- 2.0 Megapixel 1920(H) x 1080(V)@25fps
- Dual Stream H.265, H.264
- Focal Length 3.6 mm
- IR Array 2 pcs
- IR Distance Up to 50M.
- Smart IR, IR CUT (IR Filters)
- WDR, DEFOG, BLC, ATW, AGC, ROI, 3D-DNR
- ONVIF 2.6, Cloud P2P, App
- Email alarm, Motion alarm
- Protection Level IP67
- Power supply 12VDC / POE

CAMERA 7800 SERIES

2Megapixel Network Camera

Specification

Model	HP-78A20PE
Image Sensor	1/2.7" Smartsens SC2235 progressive scan CMOS
CPU	MTK226
Pixels	2.0 Megapixel
Min. Illumination	1920(H) x 1080(V)
Shutter Speed	Color 0.01lux @ F1.2 (AGC ON) / B/W 0 lux @ IR ON
Slow Shutter	1/5 ~ 1/20000s
Day / Night	Supported (Auto, Manual)
IR CUT (IR Filters)	Auto (ICR) / Color / B/W
Wide Dynamic Range	Supported
White Balance	Digital WDR (Auto, Manual)
Gain Control (AGC)	AUTO / INDOOR / MANUAL
Backlight Compensation	Auto / Manual (Off / Low / Mid / High)
Flicker Control	BLC (Low, Mid, High)
Privacy Masking	Supported (50Hz, 60Hz)
Digital Noise Reduction	Supported Up to 4 zones
Digital Defog	3D noise reduction (Auto, Manual)
Image Setting	Supported
Image Flip / Mirror	Hue, Bright, Contrast, Saturation, Sharpness
Lens Flip / E-Zoom	Supported
Angle Flip / Angle Rotation	Supported
OSD Setting	Supported
Lens	
Mount Type	M12
Focal Length	3.6 mm
Angle of View	H.FOV: 87
Infrared	
IR	IR Array 2 pcs.
IR Distance	Up to 50M.
IR Intensity	Smart IR
IR Control	Auto, On, Off
Video / Audio	
Video Compression	H.265, H.264 (Baseline, Main profile, High profile)
Video Stream	Dual-Stream
Image Resolution	Main Stream 1080P(1920x1080), 960P(1280x960), 720P(1280x720)
	Sub Stream D1 (704x576), VGA(640x480), QVGA(320x240)
Frame Rate	Main Stream 1~25fps / Sub Stream 1~25fps
Bitrate Control	VBR / CBR
Network	
Network Protocols	TCP/IPv4, DHCP, NTP, DST, RTSP, DDNS, SMTP, SNMP, UPnP, FTP, HTTP, HTTPS, P2P
DDNS	Hiview DDNS, DynDNS, NO-IP, 3322
User Interface	IE 11, CMS, APP
Account Management	Supported (Max.7 accounts)
Clients	Supported 10 user in the same time
Application Programming ONVIF	Supported ONVIF(Ver 2.6, Profile S, Profile G)
Cloud (P2P)	Supported
Import Export Config	Supported
Network Upgrade	Supported
Maintain (Auto Reboot)	Supported
IP Filerting	Supported
Log Serach	Supported
Storage	
Cloud	Supported dropbox
Alarm	
Push Alarm (App)	Supported
Email Alarm	Supported (max.3 receivers)
Motion Detection	Supported
Alarm Events	Text overlay, Email notice, LOG
Alarm Triggers	Email / Cloud (Dropbox)
Interfaces	
Ethernet	x1 10/100M, RJ45 interface (PoE)
Power Input	x1 DC jack
Environmental	
Operating Temperature	-30C ~ +55C
Storage Temperature	-30C ~ +60C
Operating Humidity	10% ~ 90%
Protection Level	IP67
Electrical	
Power Supply	12V DC ± 10% / PoE (IEEE802.3af/Class 0)
Power Consumption	≤ 7W
Mechanical	
Casing Material	Metal bullet
Weight	Appr. 350g.
Dimensions	Ø 81 X243mm
Mounting Bracket	Bracket included