



**H.265**  
Compression Code

**2M** Megapixel  
Network Camera Series 



**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" SC2235H CMOS sensor
- Sensor Resolution 1936Hx1096V (2MP) / H.265/H.264
- Color 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON
- Lens Fixed lens 2.8mm. / lens Mount M12
- View of Angle H.FOV: 88 / Shutter 1/5 ~ 1/20000s
- IR SMD 18 Pcs. / 30M.
- Microphone x1 Built-in (Adjust volume)
- DDNS 3322, Hiview, NO-IP, DYNDNS
- ONVIF Support V2.6
- Cloud P2P Support (<http://www.icloud-eye.com>)
- Ingress Protection IP66
- Power Supply DC12V/1A.

## CAMERA 7800 SERIES

### 2Megapixel Network Camera

## Specification

Model	HP-78B20PE
Image Sensor	SmartSens 1/2.7" SC2235H CMOS sensor
Sensor Resolution	1936Hx1096V (2MP)
Pixel Size	3um x 3um
CPU	M226
<b>Lens</b>	
Lens	Fixed lens 2.8mm.
View of Angle	H.FOV: 88
lens Mount	M12
Min. Illumination	Color 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON
Shutter	1/5 ~ 1/20000s
<b>Infrared</b>	
Infrared	IR SMD 18 Pcs.
IR Distance	30M.
IR-CUT	Day & Night auto switch
IR Control	Auto, Color mode, B/W mode, Schedule
IR-LED Control	Auto, on, off
IR -CUT Delay	1-36s
<b>Hardware Interfaces</b>	
Microphone	x1 Built-in (Adjust volume)
RJ45	x1 (Speed 100Mbps) Water-proof with POE
Power Supply	x1 DC Jack 12V./POE
<b>Software Features</b>	
Video Compression	H.265 / H.264
Audio Compression	G711A, G711U
Audio Volume	Adjustable (0-10)
Video Format	PAL/NTSC
Video Resolution	Max. 1920x1080P
Video Streaming	Dual stream (Main/sub)
Main Stream resolution	1920x1080@25fps, 1280x960@25fps., 1280x720@25fps.
Main Stream Bitrate	256-8192 Kbps
Sub Stream Resolution	640x480@25fps, 320x240@25fps.
Sub Stream Bitrate	128-4096 Kbps
Bitrate Control	CBR/VBR
Flicker Control	50Hz,60Hz
OSD Setting	Support
Image Control	lens flip, angle flip, auto rotation
Back Light Control	Support
3DNR	Support (auto, disable, manual)
WDR	Support (1-255)
AGC Control	Support (low, mid, high, off)
White Balance	Support (auto, manual, indoor)
Shutter Control	Support (manual 1/5 to 1/20,000, auto)
Defog	Support (Auto, disable, manual)
Privacy Mask	Support (max. 4 areas)
Network Protocol	DHCP, IPv4, DHCP, DNS, UPNP, SMTP, DDNS, RTSP, FTP, SNMP, NTP, HTTP, HTTPS, P2P, ONVIF
DDNS	3322, Hiview, NO-IP, DYNDNS
ONVIF	Support V2.6
Cloud P2P	Support ( <a href="http://www.icloud-eye.com">http://www.icloud-eye.com</a> )
Email Alarm	Support (max. 3 receivers)
IP Filter	Support
Motion Detection	Support
Dropbox Cloud upload	Support
Log Search	Support
Import-export config	Support
Account Management	Support (max. 7 users)
System Upgrade	Support
Maintain	Support (auto reboot time adjustment)
Upgrade System	Support via IE, Tools
Users Management	Support Max. 7 users
Browsers Monitoring	Support IE, Normal NetViewer UI4, CMS, Etc.
CMS	Support "Surveillance client"
Mobile Application	Support "HiviewHD"
<b>Electrical</b>	
Power Supply	DC12V/1A.
Power Consumption	IR Off: / IR on: ≤ 7W
POE	Support Class 0
<b>Others</b>	
Casing Material	Metal bullet
Dimension	Ø63 X115mm
Weight	appr. 225g
Ingress Protection	IP66
Operating Temperature	-30 to +55C
Storage Temperature	-30 to +60C