

9700 SERIES

2Megapixel Network Camera



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Feature

- 1/2.7" CMOS sensor progressive scan
- 1920x1080P / H.265, H.264, MJPEG
- Min. Color 0.007 Lux@F1.2, AGC ON; 0 lux with IR
- IR LED 24 pcs.
- IR Distance 10-20M.
- Focal Length 3.6mm@F2.0
- Onvif / E-zoom / OSD / Supported
- Water-Proof IP66
- Power Supply 12V DC +- 10% / PoE (IEEE802.3af)



Specification

1/2

Model	HP-97B20PE
Image Sensor	1/2.7" CMOS sensor progressive scan
CPU	Hisilicon HI3516EV100
Pixels	1920x1080P
Min. Illumination	Color 0.007 Lux@F1.2, AGC ON; 0 lux with IR
Lens	
Mount Type	M12
Focal Length	3.6mm@F2.0
Horizontal Field of View	97°
Infrared	
Day / Night Mode	Auto, day, night, schedule
Sensitivity	High, mid, low
IR-CUT Filter	Supported
IR	IR LED 24 pcs.
IR Distance	10-20M.
IR Intensity	Smart IR
Infra-Red Mode	Auto, on, off
Display	
Brightness Adjust	Supported (0-100)
Contrast Adjust	Supported (0-100)
Saturation	Supported (0-100)
WDR	Supported (0-255)
Sharpness Adjust	Supported (0-255)
Noise Reduction	Supported (0-255)
Backlight Compensation	BLC, HLC
Anti-Flicker	Off, 50Hz, 60Hz
White Balance	Auto, indoor, outdoor, manual
Frequency	50HZ, 60HZ
Exposure Mode	Auto, manual (1-1/100,000)
Image Mirror	Supported
Image Flip	Supported
E-zoom	Supported
Images	
Video Compression	H.265, H.264, MJPEG
Compression Standard	Base line, Main Profile, High Profile
Stream	Dual-stream
Image Resolution	Main stream: 1920x1080, 1280x720 Secondary stream: 704x576, 480x240, 352x288
Frame Rate	Main stream: 1920x1080@30fps, 1280x720@30fps Secondary stream: 704x576@30fps, 352x288@30fps
Bitrate	64kbps ~ 4096kbps
Video Encode Slice Split	Supported
Water Mark	Supported
OSD	Supported

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Feature

- 1/2.7" Smartsens SC2238 CMOS sensor progressive scan
- 1920x1080P / H.265, H.264, MJPEG
- Min. Color 0.007 Lux@F1.2, AGC ON; 0 lux with IR
- IR LED 24 pcs.
- IR Distance 10-20M.
- Focal Length 3.6mm@F2.0
- Onvif / E-zoom / OSD / Supported
- Water-Proof IP66
- Power Supply 12V DC +- 10% / PoE (IEEE802.3af)



Specification

2/2

Model	HP-97B20PE
Date and Time	Supported DST, NTP, synchronize with PC, manual
Video Mask	Supported (Max. 4 areas)
ROI	Supported (Max. 3 areas)
Alarm	
Motion Alarm	Support
Motion Sensitivity	Support
Motion Schedule Setting	Support
Motion Alarm Triggering	email, FTP, push alarm
Alarm Server	Support
IP Change Notification	Support (Triggering email, FTP)
Network	
Network Protocols	TCP/IPv4, TCP/IPv6, PPPoE, HTTP, RTSP, UDP, DHCP, NTP, DDNS, SNMPv1/v2/v3, UPnP, SMTP, FTP
Server Auto Connect	Supported
Free DDNS	autoddns, 88ip, dns2p, meibu, dyndns, no-ip, dvr dyndns, mintdns, 123ddns
Application Programming	ONVIF 2.3
Online Connection	Support simultaneous monitoring for up to 4 users
Security	
User Management	Supported
User Interface	IE 11, VMS, APP (Superliveplus)
Online User Checking	Supported
Block and Allow List	Supported
IP Filtering	Supported
MAC Address Filtering	Supported
Maintenance	
Backup and Restore	Supported export/import setting, load default
Reboot	Supported time/date schedule
System Upgrade	Supported
Log Search	Supported export log
Interfaces	
RJ45	x1 (Speed 100Mbps)
Power Input	x1 (DC jack)
Environmental	
Operating Temperature	-30°C ~ +60°C
Operating Humidity	95% or less (non-condensing)
Water-Proof	IP66
Electrical	
Power Supply	12V DC +- 10% / PoE (IEEE802.3af)
Power Consumption	<5.5W
Mechanical	
Weight	358g.
Dimensions	70x156mm.
Installation	Wall mounting, ceiling mounting