

9700 SERIES

2Megapixel Network Camera



- 2M**
Pixel
- H.265**
H.264
Compression
- ONVIF**
Support
- DAY & Night**
Support
- STAR Light**
Support
- WDR**
Support
- BLC**
Support
- AGC**
Support
- PoE**
Support

9700 SERIES

2Megapixel Network Camera



Feature

- 1/2.8" SONY CMOS progressive scan
- Pixels 2.0 Megapixel
- Color 0.005 lux@F1.6, AGC ON, 0 lux with IR
Black/White 0.0028 lux@F1.2, AGC ON, 0 lux with IR
- Electronic Shutter 1/25s ~ 1/100,000s
- Day / Night Auto/day/night/timing
- White Balance Auto / Indoor/ Outdoor / Manual
- 2.8mm@F1.85 / IR Array x1 / IR Distance 20-30M.
- 12V DC +- 10% / PoE (IEEE802.3af)
- Water-Proof IP67

2M PIXEL HD
Network Camera Series

Specification

1/2

Model	HP-97B20STPE
Image Sensor	1/2.8" SONY CMOS progressive scan
CPU	Hisilicon Hi3516EV100
Pixels	2MP
Min. Illumination	"0.005 lux@F1.6, AGC ON, 0 lux with IR 0.0028 lux@F1.2, AGC ON, 0 lux with IR"
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Lens	
Mount Type	M12/F1.85
Focal Length	2.8mm.
Horizontal Field of View	99.7
Iris Type	Fixed Iris
Infrared	
Day / Night Mode	Auto/day/night/timing
IR-CUT Filter	Supported
IR Array	x1
IR Array Distance	20-30M.
Smart IR	Supported (On/Off)
Display	
Image Parameter	3 type (common, day, night) and schedule setting
Brightness Adjust	Supported
Contrast Adjust	Supported
Hue Adjust	Supported
Saturation Adjust	Supported
Sharpness Adjust	Supported
Noise Reduction	Supported 3D DNR
Defog	Supported
WDR / BLC / HLC	Supported
Anti-Flicker	Supported 50Hz/60Hz
White Balance	Supported (Auto/indoor/outdoor/manual)
Frequency	Supported 50Hz/60Hz
Exposure Mode	Supported auto/manual (1/25s-1/100,000s)
Gain	Supported
Image Mirror / Image Flip	Supported
Backlight Compensation	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 Sub stream 704x576, 480x240, 352x288
Image Frame Rate	Main stream 1920x1080, 1280x720@25fps(PAL) Sub stream 704x576, 480x240, 352x288@25fps(PAL)
Bit Rate	Main stream 768-4096 Kbps Sub stream 256-2048 Kbps
Bit Rate Control	CBR/VBR
Video Encode Slice Split	Supported
Water Mark	Supported
OSD Setting	Supported

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2M PIXEL HD
Network Camera Series

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2/2

Model	HP-97B20STPE
Date and Time	Supported DST, NTP, synchronize with PC, manual
Video Mask	Supported (Max. 4 areas)
ROI	Supported (Max. 3 areas)
Alarm	
Motion Alarm	Supported
Motion Alarm Holding Time	3Sec/5Sec/10Sec/20Sec/30Sec/60 Sec/ 2 Minutes
Motion Sensitivity	Supported
Motion Schedule Setting	Supported
Motion Alarm Triggering	Trigger snap/SD card record/email
SD Card Full Alarm	Supported
SD Card Error Alarm	Supported
Alarm Server	Supported
Network	
Network Protocols	IPv4, IPv6, DNS, PPPoE, HTTP, HTTPS, RTSP, DNS, SNMPv1/v2/v3, 802.1X, RTSP, UPNP, SMTP, FTP, QoS, ONVIF, DST, NTP
Test IP Address Function	Supported
DDNS Protocol	autoddns.com/88ip.net/dns2p.net/meibu.com/dyndns.com/ no-ip.com/dvrdydns/mintdns/123ddns.com www.autoddns.com, dvrddns, Etc.
Free DDNS	ONVIF profile S
Application Programming	Support (Triggering email)
IP Change Notification	IE 11, NVMS2.0, APP (Superliveplus)
User Interface	
Storage	
Record Souch	SD-Card slot
Record Stream	Dual stream (main, sub)
Pre Record Time	3, 6secs
Cycle Write	Supported
Record Timming	Supported week schedule/ holiday schedule
Security	
User Account Management	Supported
IP/MAC Address Filter	Support (black and white list)
Locking Once Illegal Login	Supported
Online User Checking	Supported Kick-off
Maintenance	
Backup and Restore	Supported export/import setting, load default
Reboot	Supported time/date schedule
System Upgrade	Supported
Log Serach	Supported export log
Interfaces	
RJ45	x1 (Speed 100Mbps), POE
SD-Card Slot	x1 (Max. 128GB)
Hardware Reset Buttum	x1
Power Input	x1 (DC jack)
Environmental	
Operating Temperature	-30°C ~ +60°C (-22°F~ 140°F)
Operating Humidity	Less than 95% or less (non-condensing)
Water-Proof	IP67
Electrical	
Power Supply	12V DC +- 10% / PoE (IEEE802.3af)
Power Consumption	<6W
Mechanical	
Weight	Approx. 0.39KG
Dimensions	167.5x745x74.5mm.
Installation	Wall mounting, ceiling mounting
Angle Adjustment	Pan: 0-360; Tilt: 0-80; Rotation: 0-360