

CAMERA 9700 SERIES

5Megapixel Network Camera



H.265



Feature

- 1/2.7" progressive scan CMOS sensor / Pixels 5.0MP
- Min. Illumination Color 0.013 lux@F1.2, AGC ON
B/W 0 Lux@F1.2, AGC ON
- Shutter Speed 1/25s ~ 1/100,000s
- Focal Length 2.8mm.@F2.0
- Mount Type M12 / Iris Fixed iris
- Digital Zoom Supported
- LED IR 36 PCs. / 20-30M.
- Infrared Mode Auto, On, Off / Day / Night ICR (Auto)
- Video Mask Up to 4 zones / IP66
- Power 12V DC. / PoE (IEEE802.3af)

Specification

Model	HP-97B50PE
Image Sensor	1/2.7" progressive scan CMOS sensor
Pixels	5.0MP
Min. Illumination	Color 0.013 lux@F1.2, AGC ON B/W 0 Lux@F1.2, AGC ON
Shutter Speed	1/25s ~ 1/100,000s
Exposure Mode	Auto, Manual (1,1/2,1/5,1/10,1/15,1/25,1/50,1/60, 1/100,1/250,1/500,1/1000,1/2000,1/10000,1/100,000)
Gain Control	Auto / Manual
Lens	
Focal Length	2.8mm.@F2.0
Focus Mode	Manual
Horizontal Field of Angle	79.4°
Mount Type	M12
Iris	Fixed iris
Digital Zoom	Supported
Infrared	
LED	IR LED 36 PCs.
IR Distance	20-30M.
IR Smart	Supported
Infrared Mode	Auto, On, Off
Day / Night	ICR (Auto)
Day Night Mode	Auto, Day, Night, Schedule
Day / Night Sensitivity	Low, Middle, High
Video/Audio	
Video Compression	H.265, H.264, MJPEG
Compression Standard	Main profile@Level 4.1 High tier
Compression Standard	Five levels under VBR; Freely adjustable under CBR
Bitrate Control	VBR / CBR
Stream	Triple-Stream
Image Resolution	Main stream: 2592x1944, 2592x1520, 2560x1440, 2304x1296,1920x1080,1280x720 Sub stream: 1280x720, 704x576, 352x288 Third stream: 704x576, 480x240, 352x288
Frame Rate	Main stream: 2592x1944@20fps, 2592x1520@25fps, 2560x1440@25fps, 2304x1296@25fps, 1920x1080@25fps, 1280x720@25fps Sub stream: 1280x720@25fps,704x576@25fps, 352x288@25fps Third stream: 704x576@25fps, 480x240@25fps, 352x288@25fps
Bitrate	64kbps ~8192Kbps
Video Encode Slice Split	Supported
Watermark	Supported
Caption image and video	Supported
ROI	Supported Max. 8 Area. Level adjustable
Display Mode	Supported schedule mode (common, day, night)

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Specification

Model	HP-97B50PE
Image color adjustment	Brightness, Contrast, Hue, Saturation, Sharpness
Backlight Compensation	BLC / HLC / DWDR
Digital NR	2D/3D DNR
Defog / Anti Flicker	Supported
White Balance (ATW)	Support (Auto, Manual, Indoor, Outdoor)
Frequency	50Hz/60Hz.
Gain limit	Supported
Corridor Mode	0, 90, 180, 270
Image mirror / Image Flip	Supported
E-Zoom	Supported
Video Mask	Up to 4 zones
Camera OSD Setting	Supported
Network	
Network Protocols	TCP/IPv4, TCP/IPv6, PPPoE, HTTP,HTTPS, RTSP, DDNS, DNS, SNMP, SMTP, UPnP, FTP DST, NTP, ONVIF, 8021X, FTP, QoS
DDNS	autoddns, 88ip, dns2p, meibu, dyndns, no-ip, dvrddns, mintdns, 123ddns
User Interface	IE browsing, CMS remote control (NVMS1000, NVMS2.0), APP (superlive plus)
Account Management	Supported
Network Upgrade	Supported
Onvif	Supported
Block and Allow List	Supported (IP filtering IPv4/IPv6, MAC)
Mac Filter / LOG	Supported
Backup Import Export Config	Supported
Alarm	
Motion Alarm	Supported (Trigger email, FTP)
Exception	Scene change, video blur detection, video cast detection (Trigger email, FTP)
Smart Intelligent Alarm	Object removal, Object left detection, line crossing, intrusion
Others Alarm	IP change notification, Online user
Alarm Schedule	Supported
Alarm Triggers	Email, FTP
Interfaces	
Ethernet	RJ45 x1 with POE (Waterproof)
Power input	Jack x1 (DC12V/POE)
Environmental	
Operating Temperature	-30°C~+60°C
Operating Humidity	95 % humidity or less (non-condensgin)
Ingress Protection	IP66
Electrical	
Power	12V DC. / PoE (IEEE802.3af)
Power Consumption	<10W
Surge Protection	6KV
Mechanical	
Casing Material	Metal bullet
Weight	617g.
Dimensions	φ87x219mm

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