

4M HDR Bullet IP Camera

4 Megapixel Network Camera Series

Model No. SP5643V



Introduction

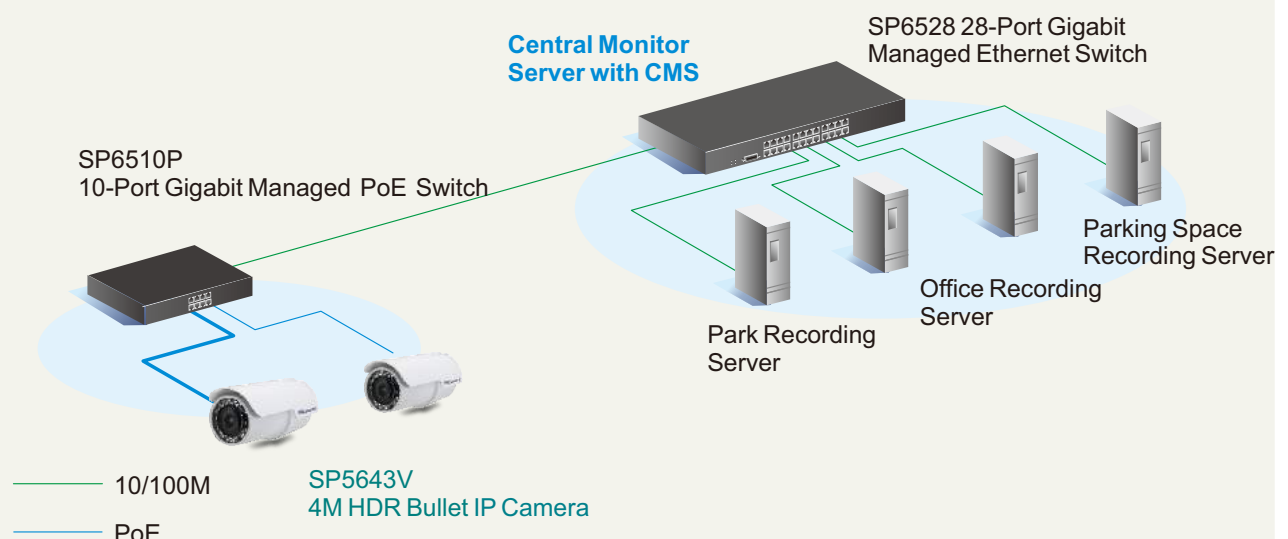
Micronet SP5643V Bullet IP camera provides high definition video monitoring with superior image quality and detail. It also delivers 4 Megapixel (2688*1520) resolution with excellent color representation and advanced HDR technology for extreme low or high lighting conditions. SP5643V supports quad stream with up to 4 Megapixel high resolution quality, providing variety of streaming options for your surveillance preference..

In addition, The built-in IR LED module emits sufficient infrared lights to light up the area under surveillance without the help of any additional lighting devices. Furthermore, with the international IP66 rating and weather-proof design, the Superior HDR IR Bullet IP Camera can also perform stably in harsh environments.

Key Features

- **Multiple Progressive Scan CMOS** with 4 Megapixel high resolution live view and recording to see a particular spot in larger and clearer image
- **Multi-exposure HDR** for very high quality presence in color and contrast under extreme low or high lighting condition in the background
- **Quad Codec Support** such as H.264 Baseline /Main Profile /High Profile/ MJPEG provides efficient bandwidth and save storage space
- **Low Power Consumption** on Encoding
- **Privacy Mask** keeps the personal spot that does not want to be seen
- **3D Motion Compensated Noise Reduction (MCTF)** reduces the image noise to enhance picture quality
- **Smart Event Function** as Audio Detection, Motion Detection, Network Failure Detection and Tampering Alarm
- **ICR** allows monitoring at day time and night time
- **Alarm In/Out** provides the option of external alarm device for additional alarm alert
- **Audio In/Out** provides the option of external audio device to hear and speak
- **PoE 802.3af** saves the trouble of a power source
- **Onvif Profile S** support

Application



Network Camera

SPECIFICATION AND PRODUCT FEATURES

Model	SP5643V	
Camera		
Image Sensor	1/3" Progressive CMOS	
Effective Pixels	2688(H) x 1520(V)	
Lens	LENS	Motorized
	Focal Length	2.7-12 mm(Distance up to 40 m)
	F Number	F1.6
	FOV	99.2°(Wide); 31.3°(Tele)
Minimum Illumination	Color	0.1 lux
	B/W	0.01 lux
Shutter Speed	1~1/10000 sec.	
S/N Ratio	>50dB	
Operation		
White Balance	Manual / AWB / ATW/One Push	
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG	
Video Streaming	Dual Streams:(note:1 of the 2M or under streamings can be MJPEG)	
	-Normal Mode: 3M@25/30fps+SVGA@25/30fps, 4M@15fps+XGA @25/30fps	
	-HDR Mode: 1080p@25/30fps+D1@25/30fps	
	Quad Streams:	
Resolution	-Normal Mode: H.264 3M (2304x1296) @25/30 fps + H.264 VGA@25/30 fps +H.264 CIF@25/30 fps + H.264 CIF @25/30 fps	
	-HDR Mode: H.264 1080p @25/30 fps + H.264 SVGA@15 fps + H.264CIF@15 fps + H.264 CIF@15 fps	
	H.264 - 4M/3M/Full HD 1080P/SXGA/HD720P/ XGA/ SVGA/D1/VGA/CIF	
	MJPEG-Full HD 1080P/SXGA/HD720P/ XGA/ SVGA/D1/VGA/CIF	
Image Setting	Brightness/Sharpness/Contrast	Manual
	/Saturation/Hue	
	Exposure/White Balance	Auto/Manual
	Backlight Compensation	On/Off
	WDR	Shutter WDR On/Off (120dB)
	Noise Reduction	3DNR / 2DNR / ColorNR
	Motion detection	On / Off / By Schedule
	Tampering Alarm	On / Off / By Schedule
	Privacy Mask	On/Off
	IRIS Control	P-iris
	Digital Zoom	Support
	ICR + IR LED	Auto / Light Sensor / Day / Night
Audio	Two-way Audio	Line out, Line in
	Compression	G.711/G.726/AAC/LPCM
Alarm	Input	5V 10kΩ pull up
	Output	Photo Relay Output 300VDC/AC
Event Notification	HTTP,FTP,SMTP	
Multiple Languages	English, French, German, Chinese	
Network		
Interface	10/100Mbps Ethernet (RJ-45)	
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Password Levels	User and Administrator	
Security	HTTPS, IP Filter, IEEE802.1x	
Internet Browser	Internet Explorer (6.0+), Chrome, FireFox, Safari	
User Account	20	
Mechanical		
Rating	Weatherproof -IP67,Vandal Proof -IK10 Rating	
Connectors	Power,Alarm In/Out	2 Pin, 5 pins Terminal Block
	Ethernet	RJ-45
	Micro SD	microSDXC 64GB support
	Audio	Stereo phone Jack, O 3.5 mm
	Analog Video	1.0 Vp-p/75Ω BNC
Built-in IR Illuminator	Wavelength	850nm
	Number of LEDs	8
LED Indicator	Power, Link, ACT	
General		
Operating Temperature	w/o Heater -30°C ~ 55°C, w/Heater, powered by DC12V/AC24V/PoE: -50°C~ 55°C (-58° ~ 131° F)	
Power Source	DC 12V / AC 24V / PoE	
Power Consumption	DC 12V: 3W / AC 24V: 2.8W / PoE: 2.6W(Operation 802.3af system)	
Regulatory	CE, FCC, RoHS Compliant	
Dimension	90 x 270 mm (3.3 x 7.6 in.)	
Weight	840 g	

The product specifications are subject to change without prior notice

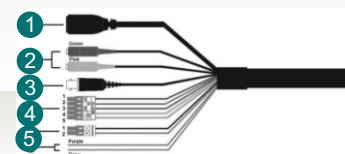
ORDERING INFORMATION

Model	Description
SP5643V	4M HDR Bullet IP Camera

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Micronet®
Making Communication Easier



4M HDR Bullet IP Camera

Model No. SP5643V

- 1 RJ-45 Port
- 2 Line Out/Line In
- 3 Video Out
- 4 DI/DO
- 5 Power Terminal Block

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

Ethernet and PoE

Wireless LAN

Broadband · ADS & VDSL

Network Video Surveillance

Network / Server / Appliance

Network / Structured Cabling

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