

4M HDR Box IP Camera

4 Megapixel Network Camera Series

Model No. SP5343R



Introduction

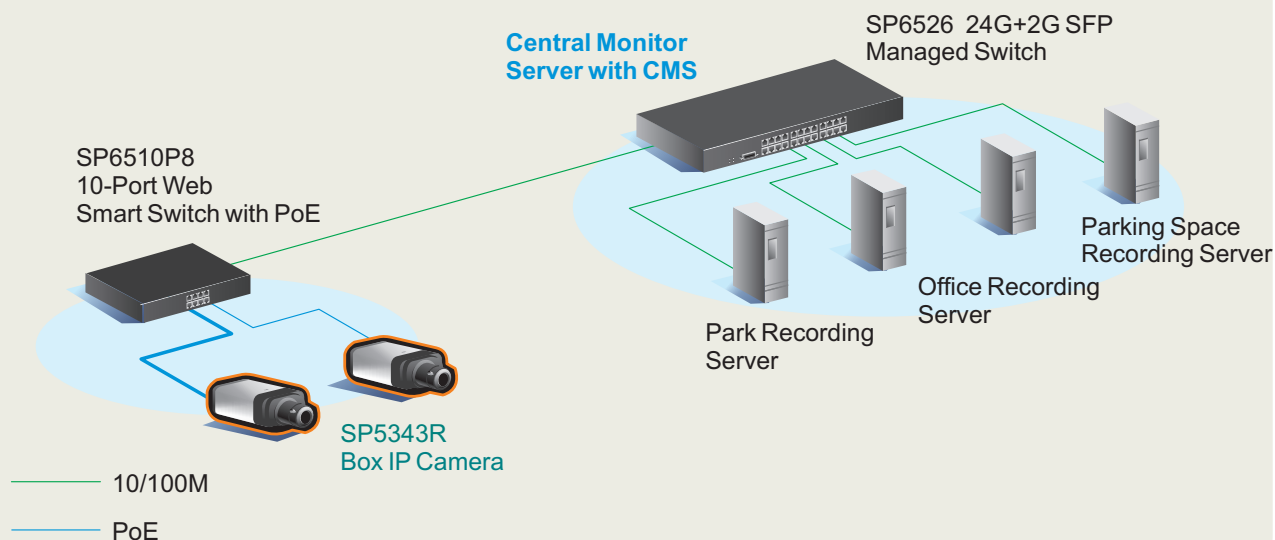
Micronet SP5343R box IP camera provides high definition video monitoring with superior image quality and detail. It also delivers 4 Megapixel (2688*1520) resolution with excellent color representation and advanced HDR technology for extreme low or high lighting conditions. SP5343R supports quad stream with up to 4 Megapixel high resolution quality, providing variety of streaming options for your surveillance preference..

In addition, C/CS mount lens support and digital I/O port adds more flexibility to meet various installation requirements. 4M HDR cameras are perfect for securing areas where accurate identification is necessary, such as vehicle license plate recognition and facial recognition. These cameras are also suitable for wide area coverage while retaining clear image quality.

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	SP5343R	
Camera		
Image Sensor	1/3" Progressive CMOS	
Effective Pixels	2688(H) x 1520(V)	
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: -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	
Resolution	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 /Saturation/Hue	Manual
	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
	Privacy Mask Type	Color
	Digital Zoom	Support
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		
Lens Mounting	C/CS mount	
Connectors	Power	DC jack
	Ethernet	RJ-45
	Micro SD	microSDXC 64GB support
	Audio	Stereo phone Jack,Ø 3.5 mm
	Alarm In/Out	4 pins terminal block, pitch 3.5mm
	RS485	D+, D-
LED Indicator	Power, Link, ACT	1.0 Vp-p/75Ω BNC
General		
Operating Temperature	-20℃ ~ 55℃ (-4°F ~ 130°F)	
Humidity	10% to 90%, No Condensation	
Power Source	PoE / DC 12V	
Power Consumption	3W	
Regulatory	CE, FCC, RoHS Compliant	
Dimension	125.2 x 80 x 52.5 mm (L x W x H) (w/o lens)	
Weight	330 g (0.73 lbs)	

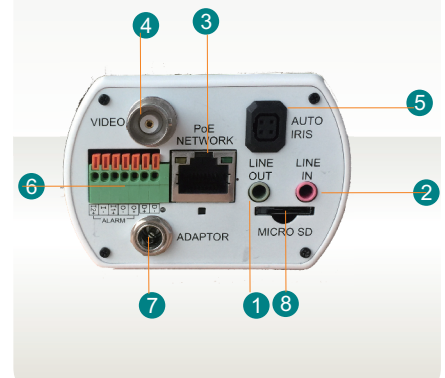
The product specifications are subject to change without prior notice

ORDERING INFORMATION	
Model	Description
SP5343R	4M HDR IP Camera

Micronet Communications Inc.

E-mail: sales@micronet.com.tw; support@micronet.com.tw WEB: www.micronet.com.tw

Micronet®
Making Communication Easier



4M HDR Box IP Camera

Model No. SP5343R

- 1 Line Out
- 2 Line/MIC In
- 3 RJ-45 Port
- 4 Video Out
- 5 DC Iris
- 6 DI/DO/RS485
- 7 Power Terminal Block
- 8 Micro SD Card Slot

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

Copyright 2015 Micronet Communications Inc.
All technical information in this document is subject to change without prior notice. Micronet, EtherFast and MicroView are registered trademarks of Micronet Communications Inc. All other trademarks and registered trademarks are properties of their respective holders.

Distributed By:

