

SM100

Kite Network Camera



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SMALLEST MEGAPIXEL WIRELESS CAMERA WITH FLEXIBLE MOUNT OPTIONS

Shyam's Kite SM100 offers intelligent megapixel camera, ideal for securing locations such as small businesses, offices, corporations, shops, boutiques, restaurants, hotels, and residences. These flexible and reliable camera offer best-in-class HD megapixel image quality and professional monitoring capabilities.

FEATURES

- Shyam's Kite SM100 network camera, with its smart and functional design, offer high-quality megapixel video for an affordable video surveillance solution. Using H.264 streaming, it is supported on low bandwidth and offers the high quality compression with the latest algorithms.
- Multiple H.264, MPEG4 and Motion JPEG streams can be provided simultaneously, individually optimized for different quality needs and bandwidth constraints. Shyam Kite SM100 supports single, dual & triple streaming modes.
- For easy and flexible installation, the Shyam Kite SM100 camera support wireless or wired connectivity. Shyam's Kite SM100 is PoE enabled camera and can be easily deployed in challenging environments with a minimum of wiring.
- CS mount lenses are supported in the Kite SM100. This gives maximum deployment options for the camera, within corporations, public facilities, government offices, residential, etc.

HIGHLIGHTS

- 5 Megapixel Sensor and Video Resolution Up to 1080p
- H.264, MPEG4 & MJPEG All in One
- Power Over Ethernet (PoE)
- Built-in Microphone and Speaker
- Built-in Wireless (802.11 b/g/n)
- PIR Sensor and Illumination Flash LED
- Support CS Mount Lens Option
- Micro SD Card Support

NO.	VARIANT	DESCRIPTION
1.	SM101	CS Mount Wired (PoE) HD Camera
2.	SM121	CS Mount Wired (PoE), PIR Sensor, LED Flash, Integrated 2-Way Audio
3.	SM141	CS Mount Wired (PoE) and Wireless HD Camera
4.	SM161	CS Mount Wired (PoE) and Wireless Camera, PIR Sensor, LED Flash, Integrated 2-Way Audio

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CAMERA OPTICS	
Image Sensor	1/2.5" 5 MP CMOS Sensor
CS Mount Lens	4 mm, F1.6, Fixed Iris, Horizontal Angle of View: 85°
Other Lens Options	Available
Shutter Value	32-1/30000 Sec/Auto

AUDIO (SM121, SM161)	
Audio Streaming	2-Way
Integrated Audio	Integrated Microphone and Speaker
Audio Compression	G.711

VIDEO	
Video Compression	H.264 MPEG-4 MJPEG
Resolutions	1920 x 1080 (1080p) 1280 x 720 (720p) 720 x 480 (D1) 640 x 480 (VGA) 352 x 288 (CIF) 256 x 192
Frame Rate	30 fps for All Resolutions Up to 720p 15 fps for 1080p
Multiple Video Streams	Single, Dual, Triple Streaming Modes
Image Settings	Back Light Compensation, Compression, Color, Brightness, Sharpness, White Balance, Exposure Control, Rotation, Mirroring, Fine Tuning of Behavior At Low Light, On Screen Display and Intelligent Privacy Masking
E-PTZ	Built-in E-PTZ for Close Viewing with Sharp Zoomed Image

POWER	
Power Options	DC Jack 5V, RJ-45 PoE
Max Power Consumption	4 W

ALARM	
Alarm Detection/Events	Video Motion, Network Disconnect, PIR, Alarm-In Port
Alarm Notification	Video Capture, File Upload, Email, Audio Out, Alarm Out, Flash LED, SMS
LED	SM121, SM161 - Flash LED (White Illumination LED)
Alarm Ports	One Alarm In and One Alarm Out

NETWORK	
Wireless Interface (SM141, SM161)	IEEE 802.11 b/g/n Integrated Internal Antenna/ External Antenna
Wired Interface	RJ-45 10BASE-T/100BASE-TX Ethernet, PoE
Supported Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, SMTP, Bonjour, UPnP, SNMP V1/V2/V3, DNS, DynDNS, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP
Security	Password Protection, HTTPS Encryption, IP Address Filtering, User Log, User Profiles

MEMORY CARD	
Memory Card Support	Micro SD Card Slot

GENERAL	
PIR Sensor	SM121, SM161 – Integrated Passive Infrared (PIR) Motion Sensor
Operating Conditions	0° – 55° C (32° – 131° F) Humidity 20° – 80° RH (Non-Condensing)
Supporting Accessories	Power Supply, Table/Wall Mount Stand, Flexible Clamp, User's Manual, Installation Guide, Stand Extension

SOFTWARE PLATFORM	
VMS	Integrated with Video Management System

ABOUT SHYAM NETWORKS

Shyam Networks offers end-to-end state-of-the-art networking and surveillance solutions for homeland security, industrial security, and mission critical, sensitive sectors. From high end enterprise network solutions and wireless broadband connectivity to simple broadband access for homes, Shyam ensures speed, capacity and range for both outdoor and indoor applications. Shyam offers a range of products that bring you an enhanced internet experience, in dense urban locations or remote rural areas where power and infrastructure are unreliable. Shyam Networks has networking solutions to connect subscribers in even the most challenging environments.

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