

RS-3131

Residential Indoor Camera 1.3 MPx IP Wi-Fi Desktop IR Camera, 12VDC

Overview

The UltraSync Wi-Fi IR Desktop camera brings the state-of-the-art, high definition images to the residential security segment. Designed specifically for use with the UltraSync Series of smart security products, this camera offers live video and clip recording that can be triggered by an Intrusion event and managed through the UltraConnect mobile application™.

This Wi-Fi camera is based on the Wi-Fi standards of IEEE802.11b/g/n and operates in the 2.4Ghz range. Transmission rates of up to 150Mbps are supported and secure wireless communication is achieved via 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK, and WPS wireless encryption standards.

Setup is simplified using an integrated browser. Onboard storage via micro SD card adds recording clips without the need of NVR's or cloud storage.

Form factor

The UltraSync Wi-Fi IR Desktop camera is designed specifically for indoor residential applications and can be mounted on a tabletop or ceiling/wall using the included hardware.



Standard Features

- 1.3 MPx resolution
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Compatible only with UltraSync series products
- DWDR and/or real-time video streaming up to 720p resolution to capture every detail
- True day/night functionality and infrared illuminator for capturing images in various lighting scenarios
- 10 m IR range - with on/off setting
- Video Alarms (utilizing hardwired outputs)
- Motion detection, tamper proof and privacy masking
- Advanced cross line and intrusion detection
- Recorded clips stored on board using a micro SD card (8GB card included)
- Supports IEEE802, 11b/g/n Wi-Fi standards
- Frequency range 2.4 GHz
- Encryption security support
- CE
- Fast and simple integration into UltraConnect app using camera scan feature

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Specifications

Camera	
Sensor Size:	1/3"
SD / MPX:	1.3MPX
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	Main stream: H.264 Sub stream: H.264/MJPEG
Maximum Resolution (@ FPS):	1280 x 960 @ 30fps
Maximum Real Time Resolution:	1280 x 960
HD 720p:	Yes
Full HD 1080p:	No
Digital S/N ratio:	50dB
Electronic shutter:	1/3s to 1/100.000s
Certification:	CE, REACH, RoHS, WEEE
Lighting performance	
Wide Dynamic Range:	DWDR
WDR in dB:	72dB
Digital noise reduction:	3D DNR
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.01 lux @ F1.2, AGC On
B/W sensitivity:	0 Lux with IR
IR sensitivity:	0 Lux with IR
IR Range:	Up to 10m
IR Wavelength:	850nm
B/W trigger:	3 lux
IR trigger:	5 lux
Housing	
Camera type:	Desktop
Indoor:	Yes
Rugged:	No
Lens	
Control type:	Fixed
Optical zoom:	No
Focal length:	2.8mm
F-stop:	2
Autoiris:	No
Varifocal:	No
Zoom lens:	No
Autofocus:	No
Power consumption	
Voltage Input:	12VDC Power supply included
Current:	Max. 0.42A
Power Consumption:	Max. 5.9 W
PoE:	PoE(802.3af)
Network Ethernet	
OpenVPN:	Ultraconnect
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, Qos, IPv4/IPv6
Network Wi-Fi	
Transmission range:	Up to 50 m * It varies depending on the actual working environment.
Transmission rate:	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Transmit output power:	11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dB
Receive Sensitivity:	11b: -90dBm@11Mbps, 11g: -74dB@54Mbps, 11n: -74dBm
Security:	64 / 128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK, WPS
Local Storage	
Media:	Built-in Micro SD/SDHC/SDXC card slot (support up to 64GB)
Capacity:	8GB included
Camera Analytics	
Motion Detection:	Yes
Privacy Masking:	4
Mechanical / Environmental	
Dimensions:	108 × 70 × 38mm (4.25 x 2.75 x 1.05 in)
Weight:	213g
Storage Temperature:	-20°C to 70°C
Operating Temperature:	-30°C to 60°C

Ordering Information

Part No.	Description
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