UltraSync™ 1080p IP Wi-Fi® Bullet IR Camera

RS-3250

OVERVIEW

The UltraSync Wi-Fi® bullet IR camera from Interlogix brings 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, which can be triggered by an intrusion event and managed through the UltraSync mobile app.

The UltraSync Wi-Fi bullet IR 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, WPA-PSK/WPA2-PSK, and WPS wireless encryption standards.

Setup is simplified using an integrated browser. Onboard storage, via a micro SD card, adds recorded clips without the need for NVRs or cloud storage. The UltraSync bullet camera is designed specifically for outdoor residential applications and can be mounted on a ceiling or wall, using the included hardware.

STANDARD FEATURES

Video

- 1080p resolution
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Compatible with UltraSync series of products by Interlogix

Video Enhancement

- DWDR and/or real-time video streaming up to 1080p resolution to capture every detail
- True day/night functionality and infrared illuminator for capturing images in various lighting scenarios
- Up to 66 ft. (20m) IR range – with on/off settings

Recorded Clips

- Recorded clips stored on board using a micro SD/SDXC card (up to 128GB). 16GB card included

Wireless (Wi-Fi)

- Supports IEEE802.11b/g/n Wi-Fi standards
- Frequency range 2.4GHz
- Encryption security support for 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK and WPS wireless encryption standards

Environment and Installation

- FCC, CE and UL
- Fast and simple integration into UltraSync app using camera scan feature
- IP66 outdoor rating

Warranty

- 3-year warranty

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Works with UltraSync™ SmartHome

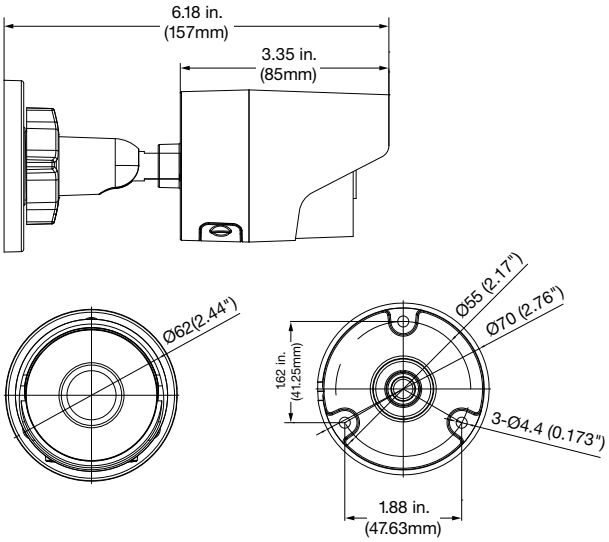
Specifications

	PART NO.	RS-3230
Housing	Color	Gray
Camera	Sensor	1/2.8"
	Resolution	1080p
	Day/Night	IR cut filter with auto-switch
	IP Compression	H.264 (Main profile) / MJPEG
	Maximum Resolution (@ fps)	1920 x 1080 @ 30fps (60Hz), 1920 x 1080 @ 25 fps (50Hz)
	Maximum Real-time Resolution (@ fps)	1920 x 1080 @ 30fps (60Hz), 1920 x 1080 @ 25 fps (50Hz)
	Multiple Streaming	Support dual streams, and sub-stream for mobile surveillance with H.264 and MJPEG with resolution up to 4CIF
	Video Bit Rate Mainstream	32 Kbps to 8 Mbps
	Video Bit Rate Substream	32 Kbps to 8 Mbps
	WDR	DWDR (85dB)
	Digital Noise Reduction	3D-NR
	Sensitivity	0.01 lux @ (f1.2, AGC On), 0 lux @ (IR On)
	S/N Ratio	50 dB (AGC Off)
	Auto Exposure (shutter)	60 Hz: 1/3s ~ 1/100,000s, 50 Hz: 1/3s ~ 1/100,000
	Lens	4.0mm @f2.0
	Focus	Fixed
	IR Range	Non-visible IR LED within 20 meters
	IR Wavelength	850mm
Standards and Integrations		Compatible with UltraSync SmartHome products by Interlogix
Network	Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, SMTP, NTP, UPnP, HTTPS, FTP, Qos, IPv6. Interoperability ONVIF (Profile G/S), PSIA (latest version), CGI, ISAPI
	Ethernet Port	RJ45 10/100Mbps Auto-negotiate
Wireless	Wi-Fi Standards	IEEE802.11b, 802.11g, 802.11n
	Frequency Range	2.4 GHz ~ 2.4835 GHz (Ch. 1 ~ 11)
	Channel Bandwidth	20/40MHz Support
	Protocols	802.11b: CCK, QPSK, BPSK; 802.11g/n: OFDM
	Transmit Output Power	11b: 17±1.5dBm @ 11Mbps; 11g: 15±1.5dBm @ 54Mbps; 11n: 14±1.5dBm
	Transfer Rates	11b: -90dBm @ 11Mbps (Typical); 11g: -75dBm @ 54Mpbs (Typical); 11n: -74dBm (Typical)
	Wi-Fi Range	~ 164 ft. (50m) in direct line-of-sight applications
	Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Local Storage	Media	Micro SD/SDXC (16GB card included)
	Capacity	Up to 128GB
Camera Alarms	Basic	Motion Detection, Tamper Proof, Privacy Mask
	Advanced	Cross Line, Intrusion Detection
Display	Display Mode	Flipped horizontally (up/down), vertically (right/left) or centered, Hallway view, ROI (Region of Interest)
	On Screen Display (OSD)	Text overlay
Electrical & Mechanical	Voltage	12VDC, PoE (IEEE 802.3-af), power supply included
	Current	490mA (Max.)
	Power Consumption	5.8W
	Dimensions (W x H x D)	2.8 x 6.1 x 2.4 in. (70 x 157 x 62mm)
	Weight	1.1 lbs. (500g)
Envir.	Storage Temperature	-4°~158°F (-20°~70°C)
	Operating Temperature	-22°~140°F (-30°~60°C)
Reg.	Compliance	R&TTE, FCC, CE, UL, RCM, REACH, RoHS, WEEE

Ordering Information

RS-3250	UltraSync SmartHome Compatible, 1080p NTSC/PAL, WI-FI, Outdoor bullet, Gray, True D/N, H.264, PSIA/ONVIF/CGI, 20M IR, 4MM fixed lens, POE/12VDC, US/UK/EU/AU Power supply and 16GB Micro SD card included

Dimensional Diagram



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