

# RS-3231

## Residential 2.1 Megapixel Indoor Desktop Camera, White, Audio, PAL, Wi-Fi, IR, 1920x1080@25FPS, Includes 12V PSU and 16GB SD Card

### Overview

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The UltraSync Wi-Fi IR desktop 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 application.

### Communication

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The UltraSync Wi-Fi IR desktop 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.

### Installation

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



### Details

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- Supports 1920x1080 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 1080p resolution to capture details
- True day/night functionality and infrared illuminator for capturing images in various lighting scenarios Up to 10m IR range – with on/off settings

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### Technical specifications

#### General

Accessory group	ZeroWire
Type	Accessory

#### Electrical

Power supply type	12 VDC
Power consumption	5.9W
Current consumption	0.42A

#### Physical

Physical dimensions	108x70x38
Net weight	213g
Colour	White (RAL 9001)
Material	ABS

#### Environmental

Operating temperature	-30 to 60C
Storage temperature	-20 to 70C
Environment	Indoor

#### Standards & regulation

Compliance	CE
Certification	CE

#### 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@30 fps (60Hz), 1920 x 1080 @25 fps (50Hz)
Maximum Real-Time Resolution (@fps)	1920 x 1080@30 fps (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-N5
Sensitivity	0.01 lux@(f1.2, AGC On), 0lux@ (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	2.00mm@f2.0
Focus	Fixed
IR range	Non-visible IR LED with 10 meters
IR Wavelength	850mm

#### 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@54 Mbps; 11n: 14+-1.5dBm
Transfer rates	11b: 90dBm@11Mbps (Typical). 11g: -75dBm@54 Mbps (Typical); 11n:-74dBm (Typical)
Wi-Fi Range	+/-50 meters 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

#### Audio

Input	Built-in
Output	Built-in
Audio Bit Rate (Protocol)	64 Kbps (G.711)/ 16 Kbps (G.726) / 32-128 Kbps (MP2L2)

#### Camera Alarms

Basic	Motion detection, Tamper Proof, Privacy Masking
Advanced	Cross Line, Intrusion Detection
I/O connection	Alarm I/O

#### Display

Display mode	Flipped horizontally (up/down), vertically (right, left) or centered, Hallway view, ROI (Region of Interest)
On Screen Display (OSD) Text Overlay	

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