# RS-3251

## Residential 2.1 Megapixel Outdoor Bullet Camera, Light grey, IP66, PAL, Wi-Fi, IR, 1920x1080@25FPS, Includes 12V PSU and 16GB SD Card

### 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 though the UltraSync+ mobile application.

### Communication

The UltraSync Wi-Fi bullet IR camera is base 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

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 bullet camera is designed specifically for outdoor residential applications and can be mounted on a ceiling or wall, using the included hardware.

### Details

- 1080p resolution
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Compatible with UltraSync series of products by Interlogix
- 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 20m IR range – with on/off settings
- Recorded clips stored on board using a micro SD/SDXC card (up to 128GB). 16GB card included
- Fast and simple integration into UltraSync app using camera scan feature
- IP 66 rating

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## Technical specifications

### General

| | |
|---|---|
| Accessory group | ZeroWire |
| Type | Accessory |

### Electrical

| | |
|---|---|
| Operating voltage | 12 VDC |
| Power supply type | 100 to 240 VAC |
| Power consumption | 5.8 W |

### Physical

| | |
|---|---|
| Physical dimensions | 70 x 157 x 62 mm |
| Net weight | 500 g |
| Colour | Grey |

### Environmental

| | |
|---|---|
| Operating temperature | -30 to 60°C |
| Storage temperature | -30 to 70°C |
| Environment | Indoor / Outdoor |
| IP rating | IP66 |

### Standards & regulation

| | |
|---|---|
| Compliancy | 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 @ 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 4 CIF |
| 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: 1/3 s- 1/100.000 |
| Lens | 4.0mm @f2.0 |
| Focus | Fixed |
| IR Range | Non-visible IR LED within 20 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 | RF45 10/100Mbps Auto-negotiated |

### 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, QOPSK, BPSK,; 802.11g/n: OFDM |
| Transmit Output Power | 11b: 17+-1.5dBm@11Mbps. 11Gg: 15+-1.5dBm@54Mpbs; 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

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

Last updated on 23 July 2021 - 10:21