

Intelligent Visual Outdoor Security

The next generation in outdoor detection and visual verification



Beyond offers a winning combination of dual technology and integrated camera, providing crystal clear visual verification capability via the monitoring station, iRISCO smartphone app or web interface. The wireless model offers flexibility and ease of installation, and chargeable auxiliary solar battery provides extended battery life. These new features enhance Beyond's unique detection technologies of Sway Recognition™ and Digital Correlation™ which drastically reduce false alarms in outdoor environments.

- Cutting edge wireless DT outdoor detector with integral high resolution color camera
- Crystal clear images for visual alarm verification, day and night
- Unique solar powered solution enabling close to unlimited battery life
- Visual Alarm verification via the iRISCO mobile app
- Minimal false alarm rate due to high detection performance technologies and visual verification capability





Crystal Clear Visual Verification

Beyond outdoor detector has an integral camera which activates on detecting an intruder, sending a series of high resolution images both to the user via the iRISCO smartphone app, and the monitoring stations.



Seamless Installation

The fully wireless **Beyond** is simple to install in any location that lacks wiring infrastructure. The 180° swivel bracket enables installation in awkward locations.



Unparalleled Catch Performance enabled with Dual Technology

Dual Technology (DT) combines two K-band microwave channels with two PIR sensors for better catch performance and pet immunity, minimizing false alarms.



Unique Detection Technologies designed for the Outdoors

RISCO Group's Sway Recognition™ Technology recognizes and dismisses objects that sway and move repeatedly, such as swaying bushes and trees, eliminating them as intrusion events. Digital Correlation™ Technology ensures that only targets that cause similar and correlating signals in both PIR channels are seen as potential threats.



Direct Sunlight Immunity to eliminate false alarms

RISCO Group's Direct Sunlight Immunity is based on a special algorithm that ignores sudden changes in the intensity of the sunlight, thus eliminating one of the major causes of false alarms in the outdoor environment.





Solar Module for Extended Battery Life

Beyond has an auxiliary, chargeable solar powered battery in addition to its regular battery, providing an almost unlimited battery life in addition to a green solution that is also cost effective.



Wireless and Wired options available

Beyond is available in both wireless and wired versions. The wireless model is DT with integral camera supporting visual verification and provides flexible installation options. The wired model can be installed using the RISCO Bus for ease of installation and supports remote services.



3-axis accelerometer for ultimate protection against vandalism

Outdoor detectors can be particularly vulnerable to tamper and vandalism. In addition to the standard IR anti-mask solution, the **Beyond** features a unique built-in 3-axis 3-axis accelerometer that identifies movement of the detector in 3 dimensions. This mechanism provides an ultimate protection for the detector, alerting on sabotage events even if the tamper mechanism has not been physically violated.



Weather Proof Housing - IP65 Rating

Beyond has an IP65 environmental rating for complete protection against water (rain) and dust.

Selected Applications

Beyond for Private Homes

Beyond provides a perfect solution for securing the outdoor area of private homes, detecting intruders before they reach the house. Wireless models can be installed anywhere within the property, even without an electricity source.



Beyond for Remote Sites

Beyond can be installed at any remote site, securing it from intruders or vandals. In the event of an intrusion, the camera will take a series of images that can be used as valuable evidence.



Beyond for Industrial Locations

Beyond is suitable for securing any industrial location from intruders. Wireless models can be installed anywhere on the perimeter wall without the restrictions of cable location.



Visual Verification for Peace of Mind

Visual verification enables self-monitoring, giving users a sense of control and peace of mind, and providing a valuable service for monitoring stations, helping them reduce the wasted resources associated with false alarms.

Visual verification utilizes detectors with integral cameras. If an intruder is detected, the camera will be triggered to take a series of color high resolution images which are sent to the end-user via the iRISCO smartphone app/web application or to the monitoring stations enabling them to determine whether or not there is a real threat and act accordingly.



Technical Specifications

	Wireless DT	Wireless DT Camera	Wired & Bus DT
Model	RWX350DT	RWX350DTC	RK350DT
Coverage	12m, 90°	12m, 90°	12m, 90°
Installation Height	Typical 2.2m	Typical 2.2m	Typical 2.2m
Microwave	K-band, 2 channels		
PIR	2 dual element sensors, 2 separate lenses		
Frequency	868.65 MHz/433.92 MHz		
Green Line™ Technology	✓	✓	✓
Anti-Mask detection method	Active Infrared		
Tamper	Wall & cover, 3-axis Accelerometer		
Pet Friendly	Animals up to 70cm head height		
Built-in EOL resistors	--	--	Triple EOL
Output contacts: 100mA, 24V, N.C	--	--	Alarm, Tamper & Fault/AM
Operating voltage	3xCR123 3V lithium batteries		9 to 16VDC
Battery life (Typical)	3 Years, 8 Years with Solar Option		
RF Immunity: 10MHz to 3GHz	According to EN50130-4		
Operating Temp.: -25° C to 65° C	✓	✓	✓
Storage Temp.: -25° C to 70° C	✓	✓	✓
Environmental Rating	IP 65	IP 65	IP 54
Dimensions (HxWxD)	167x88x106mm	167x88x106mm	167x88x106mm
Unique to RISCO			
Wireless Dual Technology	✓	✓	
High Quality Color WDR Camera		✓	
Discreet IR flash		✓	
Solar Power Swivel Option	✓	✓	
Shock Based Tamper (Accelerometer)	✓	✓	
Direct Sunlight Immunity	✓	✓	✓
Advanced Outdoor Detection algorithms	Sway Recognition, Digital Correlation		

Ordering information – Accessories

Description	Model name
WL Beyond Solar Swivel	RWX350S
Beyond 180° swivel	RA350S

Specifications subject to change without prior notice.



For more information on RISCO Group's full product line, please visit riscogroup.com