

# Intelligent Visual Outdoor Security

The next generation in outdoor detection and visual verification



**Beyond** offers one of a kind combination of dual technology and integrated camera, providing crystal clear visual verification capability via the iRISCO smartphone app., web interface or monitoring station. The wireless model offers flexibility and ease of installation, and auxiliary solar Swivel for extended battery life. These new features, combined with RISCO's unique detection technologies of Sway Recognition™ and Digital Correlation™ which drastically reduce false alarms in outdoor environments, and Provide an ultimate outdoor detection solution.

- ➔ 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 long 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 is activated upon intruder detection, sending a series of high resolution images via the iRISCO smartphone app., to the end-user and the monitoring station.



### Flexible Installation

**Beyond** is completely wireless and simple to install in any location that lacks wiring infrastructure. Setting the most effective and appropriate range according to specific installation requirements is allowed thanks to the flexible installation of both adjustable 180° Swivel Bracket, as well as the mounting height, which varies from 1.8m to 2.7m.



### 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 causing 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 Swivel for Extended Battery Life

Beyond solar swivel has an auxiliary, chargeable solar powered battery in addition to its regular power source, providing extended battery life, which is both cost effective as well as a green solution.



### Wireless DT and Wireless DT CAM options available

Beyond is available in both wireless DT and wireless DT CAM versions.

The wireless DT version is compatible with all of RISCO's wireless and hybrid control panels.

The wireless DT CAM model with integral camera supporting visual verification and is compatible with RISCO's wireless control panels.



### Ultimate protection against vandalism

Outdoor detectors can be particularly vulnerable to tamper and vandalism. In addition to the IR anti-mask solution that senses any covering or obstruction of the lens, the wireless Beyond features a unique built-in 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

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

## Selected Applications



### Beyond for Private Homes

Beyond provides a perfect solution to securing the outdoor area of private homes, detecting intruders before they reach the house. Wireless models can be installed anywhere within the property, without an electric power 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. The fully wireless models are ideal for difficult installations eliminating the restriction of cable locations.

## Visual Verification for Peace of Mind

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

Upon intruder detection, the camera will be triggered to take a series of high resolution, full color images, and send them to the end-user's iRISCO smartphone app/web application or to the monitoring stations via the cloud, allowing them to verify the nature of the alarm and act accordingly.



## Technical Specifications

	Wireless DT	Wireless DT Camera
Model	RWX350D	RWX350DC
Coverage	12m, 90°	12m, 90°
Installation Height	Typical 2.2m	Typical 2.2m
Microwave	K-band, 2 channels	
PIR	2 dual element sensors, 2 separate lenses	
Frequency	869.52 MHz/433.92 MHz	
Anti-Mask detection method	Active Infrared	
Tamper	Wall, 3-axis Accelerometer	
Pet Friendly	Animals up to 50cm head height	
Operating voltage	3xCR123 3V lithium batteries	
Battery life (Typical)	3 Years, 6 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
Dimensions (HxWxD)	176x89x107mm	167x88x106mm
<b>Unique to RISCO</b>		
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 <b>Beyond</b> Solar Swivel	RWX350S
<b>Beyond</b> DT 180° Swivel kit	RA350S

Specifications subject to change without prior notice.



For more information on RISCO Group's full product line, please visit [riscogroup.com](http://riscogroup.com)