

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. 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.

- ➔ Wireless Dual technology (DT) for superior detection performance with K-band microwave, assuring an exceptional combination of high catch performance and false alarm immunity.
- ➔ Crystal clear high resolution images for visual alarm verification.
- ➔ Unique solar powered solution enabling long battery life



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.



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.



Remote Diagnostics and Control

Beyond Wireless can be controlled, configured and diagnosed by RISCO Group's Configuration Software. The CS is an advanced application that allows installation companies to remotely diagnose and maintain devices, saving costly site visits.



Solar Swivel for Extended Battery Life

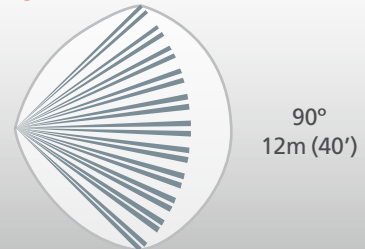
Beyond solar swivel has an auxiliary, chargeable solar powered battery in addition to its regular power source, providing extended battery life, which is both cost effective as well as a green solution.

Detection Coverage

Side view



Top view



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
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 DT CAM	RWX350DC
WL Beyond DT	RWX350D
WL Beyond Solar Swivel	RWX350S
Beyond 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