

RADION speciality



RADION wireless from Bosch provides the range, scalability and exceptional battery life required to ensure reliable performance and superior quality. Advanced diagnostics and multiple device enrollment options make installation and maintenance simple and cost effective. With a complete line of peripherals, RADION provides the flexibility for virtually any application requirement.

System overview

RADION specialty is a radio frequency (RF) wireless bill trap transmitter supplying concealed protection for financial and commercial institutions.

The bill trap transmitter, with its rectangular enclosure, is designed for concealment within cash registers and drawer boxes.

By detecting removal of a bill from underneath the cover mechanism, the RADION specialty Bill Trap is able to transmit a silent panic alarm for use in events such as an attempted robbery.

Functions

Supervision

The battery level and device are supervised. Monitoring helps ensure reliable operation and safeguards against undetected loss of service due to unexpected removal from the area of protection. Supervision also occurs with respect to end user damage, exposure to extreme temperatures, or other similar activities.



- ▶ Detects removal of a bill to transmit a silent panic alarm
- ▶ Operational up to 5 years using a single, user replaceable Lithium AAA battery
- ▶ Slim profile to fit in most cash register drawers easily
- ▶ Sliding, self-locking enclosure for ease of installation
- ▶ Supervised for low-battery, cover-tamper, and removal from mounting surface

Tamper detection

The bill trap has tamper detection capabilities designed to initiate an alarm signal when the billtrap is forcefully removed from a cash register or cash box.

Self-locking Enclosure

The sliding self-locking enclosure is small and black to conceal it within the cash drawer.

Slim profile

The bill trap is designed to fit within the cash register drawer bill slot for ease of concealment. The trap mechanism fits most paper currencies.

Regulatory information

Region	Regulatory compliance/quality marks	
Brazil	ANATEL	3568-13-1855 [RFBT]
USA	FCC	Part 15 Security/Remote Control Transmitter 433.42 MHZ
Canada	IC	1249A-RWSSFT
Australia	RCM	[RFBT]
USA	UL	UL 636 - Holdup Alarm Units and Systems

Technical specifications

Properties

Dimensions	48.8 mm x 154.1 mm x 23.6 mm (1.92 in x 6.06 in x 0.93 in)
Tamper detection:	Transmits a tamper switch signal when the unit is removed from its base, or the mounting surface.

Power

Power/voltage:	1.5 VDC Lithium (AAA)
Battery type:	AAA
Battery life:	Up to 5 years
Frequency:	433.42 MHz

Environmental considerations

Temperature:	Functional range: -10° C to +49° (+14° F to +120° F) UL only: 0° C to +49° C (+32° F to +120° F) EN 50130-5 Class II only: -10° C to 40° C (+14° F to +104° F)
Environment	Complies with EN50130-5 Class II
Relative humidity:	Up to 93% non-condensing
Use:	Intended for indoor use

Ordering information

RFBT Wireless bill trap

Wireless bill trap transmitter.

Order number **RFBT | F.01U.253.620 F.01U.383.353**

RFBT-CHI Wireless bill trap

Wireless bill trap transmitter. For use in China only.

Order number **RFBT-CHI | F.01U.253.639**

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