

RADION speciality

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BOSCH

Invented for life



- ▶ 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 conditions

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.

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.

Certifications and approvals

Region	Certificate	
US	UL 636 – Holdup Alarm Units and Systems	
Region	Certification	
Australia	RCM	[RFBT]
USA	UL	
	UL	UL 636 - Holdup Alarm Units and Systems
	FCC	Part 15 Security/Remote Control Transmitter 433.42 MHz [433.42 MHz]
Canada	IC	1249A-RWSSFT [-A model numbers]
Brazil	ANATEL	3568-13-1855 [RFBT-A]

Parts included

Quantity	Component
1	Billtrap
1	Lithium battery (AAA)
1	Hardware pack
1	Installation guide

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

Compatibility

Receivers	B810 wireless receiver (compatible with RFBT-A only)
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Ordering information

RFBT-A (433.42 MHz)

For use in North and South America
Order number **RFBT-A**

RFBT (433.42 MHz)

For use in Europe, Africa, and Australia.
Order number **RFBT**

RFBT-CHI (433.42 MHz)

For use in China only.
Order number **RFBT-CHI**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia