

EN1223D Water-resistant Pendant (Double-button)

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Water-resistant
- ▶ LED
- ▶ Double-button activation
- ▶ State-of-the-art wireless technology
- ▶ Supervised radio link

The EN1223D pendant transmitter is water-resistant and weighs less than 40 g (1.4 oz). Users can wear the pendant on a neck cord or belt clip. This pendant is designed to meet the needs of patrolling guards, bank employees, and retail store employees.

The two-button design reduces accidental activation. One light-emitting diode (LED) flashes with all transmissions, including supervision, to clearly show users when the unit is operating.

With the superior range and reliability offered by the Inovonics EchoStream platform, there is virtually no limit to the applications that can benefit from these pendants. The Inovonics EchoStream platform uses diversity reception and advanced signal processing to reduce dead spots in transmission areas.

System overview

Powered by Inovonics

The Inovonics EchoStream platform, powered by Inovonics wireless mesh network technology, ensures superior range, reliability, and scalability for commercial applications. Using a wide range of transmitters and repeaters, this proven technology

provides flexibility and performance to meet the most stringent requirements. This exclusive protocol is available only on Inovonics EchoStream products.

Wireless 900 MHz Band

The Inovonics EchoStream platform sends redundant information on several multi-frequency channels within the FCC Part 15 900 MHz band, providing superior range and reliability. In comparison, systems that use a single frequency technology can only send information on one narrow band channel. Any interference within the band can cause missed signals. With wireless registration, it is easy to add this technology to any application.

Functions

Design

Users can wear the pendant on a neck cord or belt clip. The water-resistant enclosure protects the pendant if users wear it in damp conditions.

Supervision

The battery activity and radio link are supervised. Monitoring helps ensure reliable operation and safeguards against undetected loss of service due to

end user damage such as dropping the pendant repeatedly, exposing it to extreme temperature, getting the pendant wet, or other similar events.

Certifications and approvals

Inovonics Wireless Corporation holds the following approvals:

US FCC Conforms to FCC Part 15 regulations

Installation/configuration notes

Compatibility Information

The EN1223D Water-resistant Pendant Transmitter is compatible with the following products:

Receivers

EN4016SK	Survey Receiver
EN4200	Serial Receiver
EN4204R	LED Receiver

Repeater

EN5040-T	High-power Repeater
----------	---------------------

Parts included

Quantity	Component
1	Transmitter
1	Neck cord
1	Belt clip
1	3.0 V coin cell battery

Technical specifications

Electrical

Power:	3.0 V, 0.5 Ah
Battery Replacement:	Panasonic CR2450, Renata CR2450, Sanyo CR2450, or approved equivalent. Not all brands are equivalent. Use a specified brand.
Battery Life (Average):	1 to 2 years. Typical battery life shown is for supervised operation.

Environmental

Relative Humidity:	Up to 90%, non-condensing
Temperature (operating):	0°C to +60°C (+32°F to +140°F)

Mechanical

Dimensions:	5.6 cm x 4.8 cm x 1.8 cm (2.2 in. x 1.9 in. x 0.72 in.)
Weight:	40 g (1.4 oz)

Transmission Characteristics

Frequency:	902 MHz to 928 MHz
------------	--------------------

Trademarks

Trademark names are used throughout this document. In most cases, these designations are claimed as trademarks or registered trademarks in one or more countries by their respective owners. Rather than placing a trademark symbol in every occurrence of a trademark name, Bosch Security Systems, Inc. uses the names only in an editorial fashion and to the benefit of the trademark owner with no intention of infringing the trademark.

Inovonics is a trademark of Inovonics Wireless Corporation.

Panasonic is a registered trademark of Matsushita Electric Industrial Co., Ltd.

Renata refers to Renata Batteries, a company of the Swatch Group.

SANYO is a registered trademark of SANYO North America Corporation.

Ordering information

EN1223D Water-resistant Pendant (Double-button)

Black, double-button, water-resistant, light-weight pendant. Includes one neck cord, battery, and belt clip.

Order number **EN1223D**

Represented by:

Americas:

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

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

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

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com