

External LAN Proximity Readers

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PR112B External Prox Reader

- ▶ 40 bit transmission format – 125Khz, with up to 40mm read range
- ▶ Water & dust proof to IP67
- ▶ Lock Output and Egress Input to simplify wiring
- ▶ Separate indicators show door and alarm status, with built-in sounder providing alarm warning
- ▶ Anti replay and anti-substitution protection

The Solution LAN reader features the proprietary 40 bit transmission format and can be used to provide alarm and/or access control functionality when used on the Solution 144 control panel. Red, green and blue indicators are provided to show area and/or door lock status at all times. The built-in egress input and lock output can be used to simplify the wiring when controlling door access via the reader.

Functions

The readers occupy at code pad position in the panel configuration and connect via the RS485 encrypted panel LAN, which features anti replay and device anti substitution technology. All user access and alarm control events are stored in the panel's history log and can be reported if required. User credentials can easily be administered onsite using a display code pad or remotely using the SolutionLink upload/download software. The built in sounder provides audible feedback for various system events including entry / exit warning and alarm conditions.

Various options can be configured via panel programming including setting the volume of the built in sounder, setting the indicator brightness, deactivating the tamper switch or egress input functions.

The table below shows the various meanings for the red, green and blue indicators on the reader:

LED Operation for Alarm & Door Control		
LED	Condition	Meaning
Blue	On	Door Locked
Blue	Fast Flashing	Door Unlocked
Blue	Continuous Fast Flashing	Door manually unlocked or overridden
Blue	2 Flashes	Door automatically unlocked by schedule or time zone
Red	On	Area All On
	Flashing	Area Alarm
Green	On	Area is OFF
	Flashing	Area not ready to turn on – zone(s) unsealed

LED Operation for Alarm & Door Control		
LED	Condition	Meaning
Red & Green	Both On	Area armed in Part mode and all zones sealed
Red & Green	Red On and Green Flashing	Area armed in Part mode with zones unsealed

Certifications and approvals

C-tick Supplier Code:	N12138
CE:	EN 55022:2010, EN 60950-1:2001
Telepermit:	PTC 211/12/017

Technical specifications

Format:	40bit proprietary, 125Khz
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Power Requirements

Operating Voltage:	10.0V DC – 14.5V DC @ 100mA
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Connections

Lock Output:	Protected open collector transistor – 500mA
Egress Input:	Low to trigger. Can be disabled via software control

Enclosure

Dimensions:	74(W) x 23(D) x 116(H)mm
Warranty:	3 years

Ordering information

PR111B External LAN Proximity Reader - Black

Order number **PR111B**

PR112B External LAN Proximity Reader - White

Order number **PR112B**

Accessories

PR200 Prox Token - Grey

Order number **PR200**

PR250 Prox Iso Card

Order number **PR250**

PR260 Prox Clam-Shell Card

Order number **PR260**

PR201B Prox Token - Black Key

Order number **PR201B**

PR265 Adhesive Proximity Tag 20mm

Order number **PR265**

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