

AT-R261 AT-R271

125 KHz Proximity Read-Only Credential Tags



ROSSLARE'S PROXIMITY CREDENTIAL TAGS ARE HIGHLY COMPACT AND SLEEK IN THEIR DESIGN. THE NEW TAGS ARE AVAILABLE FOR USE WITH 125 KHz RFID READER TECHNOLOGIES, AND ARE AVAILABLE WITH OPTIONAL PRINTED ID. HAVING NO POWER OF THEIR OWN, THEY CAN BE READ BY CARD READERS WHEN THEY PENETRATE THE ELECTROMAGNETIC FIELD PRODUCED IN THE PROXIMITY OF THE READER. THE RANGE DEPENDS ON THE ANTENNA AND FIELD GENERATED BY THE READER, SO THE TAGS WILL HAVE DIFFERENT READ-RANGES WITH VARIOUS READERS.

GENERAL DESCRIPTION

The AT-R261 and AT-R271 Proximity Read-Only Tags offer universal compatibility with Rosslare and other proximity readers.

The tags include an embedded antenna, and an RFID integrated circuit enabling contactless reading by readers including a printed number on the face of the tags.

These tags are highly durable and have an IP-68 rating and can be fully submerged.

MAIN FEATURES

- Highly Reliable, Interference free – users carrying the tag will feel no interference when passing other electromagnetic objects
- Strong, Flexible and Vandal resistant – sturdy and robust, the tags can even get wet and continue to function
- Read-Only – printed number on the face of the tag matches contactless reading by readers

- Pocket Size – enables users to comfortably carry it around with them
- Security – is known for its infinite number of reads
- Easily Identifiable –when the external tag number is provided to the system administration

PRINT AVAILABILITY

- Printed Wiegand format ID and site code
- Printed Wiegand and Clock & Data

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Type	Contactless passive
■ Materials	PVC
■ IC Chip	EM4102/GK4001
■ ISO Standard	ISO/IEC 10536
■ Reading distance	Within 7.87 in. (dependent on antenna geometry)
■ Operating Frequency	100-150 Khz
■ Operating Temperature	-4°F to 122°F (-20°C to +50°C)
■ Storage Temperature	-4°F to 122°F (-20°C to +50°C)
■ Humidity	Up to 90% (non-condensing)
■ Surface Finish	Gloss / Matt
■ Antenna	Copper coil

SIZE AND WEIGHT SPECIFICATION	AT-R261	AT-R271
■ Dimensions (H x W x D)	1.26 x 1.57 x 0.23 in. 32 x 40 x 6 mm	1.02 x 1.5 x 0.27 in. 26 x 38 x 7 mm
■ Weight	0.096 oz. (3 g)	0.129 oz. (4 g)

SYSTEM COMPONENTS	AT-R261 and AT-R271 tags are compatible with standard Access Controller Proximity Readers
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PRODUCT WARRANTY	2-year Limited Product Warranty
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ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

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