

AT-R271

125 KHz Proximity Read-Only Credential Tags

Rosslare's new line of 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-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

AT-R261 AT-R271 125KHz Proximity Read-Only Credential Tags



Product Specifications

GENERAL SPECIFICATION	
Type:	Contactless passive
Materials:	PVC
IC Chip:	EM4102/GK4001
ISO Standard:	ISO/IEC 10536
Reading distance:	Within 20cm (dependent on antenna geometry)
Operating Frequency:	100-150Khz
Operating Temperature:	-20°C to +50°C (-4°F to 122°F)
Storage Temperature:	-20°C to +50°C (-4°F to 122°F)
Humidity:	Up to 90% (non-condensing)
Surface Finish:	Gloss / Matt
Antenna:	Copper coil
SIZE AND WEIGHT CHARACTERISTICS	
Dimensions:	26 x 38 x 7 mm 1.02 x 1.5 x 0.27 inch
Weight:	4 g (0.129 oz.)

Dual Application Product

AT-R271 tags are compatible with standard Access Controller Proximity Readers.



AY-F66

AYC- E65BG

AY-Q12

AYC-Q64B

AY-K12

Additional Information

The AT - R271 is covered by Rosslare's 1-Year Limited Product Warranty.

For sales information or product documentation, please visit our website: www.rosslaresecurity.com