

LT-UVS-26A-3000

UHF Proximity Read/Write Card



THE LT-UVS-26A-3000 IS A CREDIT-CARD SIZED CREDENTIAL WITH BUILT-IN RFID ELECTRONICS, INCLUDING AN INTEGRATED CIRCUIT AND AN ANTENNA INSIDE THAT CAN BE PRINTED FOR HUMAN-READABLE INFORMATION USING STANDARD ISO CARD PRINTERS AND CAN BE MACHINE READ USING VERY LOW POWER WIRELESS COMMUNICATIONS. HAVING NO POWER OF ITS OWN, IT CAN BE READ BY CARD READERS WHEN IT PASSES THROUGH THE ELECTROMAGNETIC FIELD PRODUCED IN THE PROXIMITY OF THE READER. THE READ RANGE VARIES DEPENDING ON THE ANTENNA AND FIELD GENERATED BY THE READER.

GENERAL DESCRIPTION

The LT-UVS-26A-3000 Proximity Read/Write Card offers universal compatibility with Rosslare or other UHF proximity readers.

The card includes an embedded antenna, and an RFID integrated circuit enabling contactless reading by readers.

The credit card sized card conforms to the ISO-standard size enabling surface printing with conventional ISO compatible card printers.

MAIN FEATURES

- Reliable and interference free – Individuals carrying the card will not feel any interference when passing other electromagnetic objects
- Strong, flexible, and resistant to breaking – Sturdy and robust, the card can even get wet and continue to function
- Photo ID Compatible – Print directly adding an image or thermal transfer print
- Pocket Size – Enables users to comfortably carry it around with them
- Durability – Known for its infinite number of reads
- Easily Identifiable when the external card number is provided to system administration

SPECIFICATIONS

GENERAL SPECIFICATIONS

■ Type	Contactless passive
■ Materials	PVC
■ IC Chip	EPC Class 1 Gen 2
■ ISO Standard	ISO/IEC 18000-6C
■ Reading Distance	Up to 10 m (32 ft) depending on Reader's output power and antenna geometry
■ Operating Frequency	860~960 MHz

ENVIRONMENTAL SPECIFICATIONS

■ Operating Temperature	-10°C to 50°C (-14°F to 122°F)
■ Storage Temperature	-10°C to 50°C (-14°F to 122°F)
■ Humidity	Up to 90% (non-condensing)
■ Surface Finish	Gloss
■ Antenna	Copper coil

PHYSICAL SPECIFICATIONS

■ Dimensions	1.41 x 2.36 x 0.01 in. (36 x 60 x 0.3 mm)
■ Weight	0.176 oz (5 g)

SYSTEM COMPONENTS

Rosslare's AY-U900 UHF reader

PRODUCT WARRANTY

1-Year Limited Product Warranty

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).

www.rosslaresecurity.com

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