UHF - 1000
UHF INTEGRATED LONG-RANGE READER

The UHF-1000 is an RFID Long-range proximity card reader that is compatible with multiple protocols and can read multiple tag formats.

The Reader is waterproof and is suitable for use in a wide range of RFID applications, such as Transport Management, Vehicle Management, Car Parking, Production Process Control, and Access Control.

GENERAL DESCRIPTION

The UHF - 1000 is the solution for security situations that require a long-range proximity reader. The reader is both easy to install and easy to use.

MAIN FEATURES

- Read range up to 12 m (39.4 ft) (adjustable)
- Read Sensitivity: Dual polarization read mode

PROFESSIONAL GRADE FEATURES

- Wiegand 26-Bit (Custom: Wiegand 34-Bit)
- Comes with an installation bracket kit and RS-232 cable
- Weatherproof (IP-54)
- Maximum Cable Distance: 150 m (500 ft)

CE TÜVRheinland CERT ISO 9001 ISO 14001 RoHS COMPLIANT

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Operating Voltage Range	9 to 12 VDC (2 A)
Input Current	Standby: 0.2 A max, Read: 1.2 A max
Card Read Distance	Up to 12 m (39.4 ft) (adjustable)
Transmission Protocol	Wiegand 26-Bit (Custom: Wiegand 34-Bit)
Maximum Cable Distance	150 m (500 ft)
Frequency	UHF-1000US: 902–928 MHz (America) UHF-1000C: 920–925 MHz (China) UHF-1000EU: 865–868 MHz (Europe)
Read Sensitivity	Dual polarization read mode
Tags	ISO18000-6B Tags EPC GEN2 (ISO18000-6C) Tags

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. Range	-20°C to 80°C (-4°F to 176°F)
Storage Temp. Range	-40°C to 125°C (-40°F to 257°F)
Operating Humidity	0 to 95% (non-condensing) Suitable for outdoor use (IP54)

PHYSICAL SPECIFICATIONS

Dimensions	44 x 44 x 5 mm (1.73 x 1.73 x 0.20 in.)
Weight	2.32 kg (5.11 lb)

SYSTEM COMPONENTS	The UHF-1000 is compatible with standard access controllers.
PRODUCT WARRANTY	1 Year Limited Product Warranty

EINS - UHF Proximity Read / Write Card

- 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
- Durability – Known for its infinite number of reads

EINS - Inlay & Tags

- EINS - Inlays and Tags have good tolerance against the detuning effect of high-electric materials, providing effective global performance even on difficult-to tag materials.
- Operating Frequency - 860 - 960 MHz
- Integrated Circuit (IC) - Impinj Monza 4D, 4E, 4QT, 4i
- Antenna Size - 86 x 24 mm (3.4 x 1.0 in)
- Die-cut Size - 97 x 27 mm (3.8 x 1.1 in)
- International Standards - EPC Class 1 Gen 2 ISO 18000-6C

EINS
TECHNOLOGIES INDIA PVT. LTD.

+ 91 887 9977 600   info@eins.co.in   eins-india

www.eins.co.in