6013TGGNNN

Tessera ISO, Composite, Combinata UHF / HF iCLASS 32K Initializzata, Bianca.

HID Global's iCLASS SE ® U90 long range readers offer an extended range solution for parking and gate control. Featuring advances encryption technology, the solution delivers the most secure ultra-high frequency (UHF) access control on the market. With a read range of up to five meters, the iCLASS SE U90 can read multiple credential types and support a mixed credential population. The ability to combine building access with parking and gate control on a single card or fob offers both convenience and security.

As part of HID Global's iCLASS SE platform for advanced security, the readers utilize state-of-the-art authentication through the platform's Secure Identity Object (SIO) data model. When paired with SIO-enabled UHF credentials, the platform provides trusted and secure communication between the card and reader to prevent unauthorized access. The iCLASS SE U90 long range reader is built on the Security Industry Association (SIA) Open Supervised Device Protocol (OSDP) standard, which also ensures secure transmission of data from the reader to the controller.

Built to withstand exposure to severe weather, the reader includes a rugged housing that protects the antennae and electronics from harsh conditions. The easy-to-install readers are built on the VESA standard and do not require custom mounting hardware. Once installed, the iCLASS SE U90 can be locally configured via an Ethernet port and a user-friendly web interface for ease of maintenance.

HID *iCLASS* UHF   YYYYYYYY-YY **XT**

Dettagli

- Convenient - Discreet hands-free authentication solution for long range parking and gate control.
- Dynamic - Field configurable via a full user interface for ease of maintenance
- Compliant - Supports UHF ISO 18000-6C compliant credentials containing Secure Identity Object® (SIO®) encryption technology
- Powerfully Secure - Encryption of card data through controller, enabling secure end-to-end communications

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Specifiche tecniche

Sistema

Distanza di lettura	more than 20 cm
Modello personalizzato	No
Capacità memoria	32 kB
Card Slot Punch	No

Tecnologia

Tipo di credenziali	Multi-tecnologia
Frequenza operativa delle credenziali	13.56 MHz, 868 MHz, 900 MHz
Tecnologia supportata 13,56 MHz	iCLASS (CSN), SIO on iClass
Supporta tecnologia UHF	UHF EPC Class 1 Gen 2/ISO 18000-6C

Stampa

Stampa diretta della superficie	Si
Stampa a trasferimento termico	Si

Informazioni sull'ordine

Quantità minima di ordine	100
Tessere / tag in confezione	1
Modulo speciale per ordinare tessere	Si

Fisico

Copertura di superficie	Glossy
Materiale	Composito
Fattore di forma	CR80 (Credit)
Dimensioni fisiche	54 x 86 x 1 mm
Peso netto	5 g
Peso spedizione	13 g
Colore	Bianco

Ambientale

Temperatura operativa	-40 to 70°C
Temperatura di immagazzinamento	-40 to 70°C
Umidità relativa	5 to 95% noncondensing

Regolatorio

Conformità	RoHS

Model name

iCLASS SE U90 Long Range Reader

Base part number

RDRSEU90

Electronic

Transmit frequency	865 - 868 MHz / 902 - 928 MHz (dependent on regional regulations)
Typical maximum read range	3 to 5 meters
Input voltage (VDC)	12 VDC or 24 VDC
Current	Standby average - 320mA @ 12VDC / 160mA @ 24VDC
	Max average - 400mA @ 12VDC / 200mA @ 24VDC
	Peak - 1.0A @ 12VDC / 0.5 @ 24VDC
Maximum cable length	Wiegand - 500 ft (152 m) - 22 AWG / 300 ft (91 m) - 24 AWG
	RS-485 - 4000 ft (1219 m) - 24 AWG

Physical

Dimensions	23.1 cm x 23.1 cm x 7.0 cm
Color	Black
Housing material	UL94 polycarbonate
Mounting	Drill mounting box to meet application. Drill points provided for US and EU wall boxes and 75 mm, 100 mm, 200 mm VESA mounts.

Thermal

Storage temperature	-55° to 85°C
Operating temperature	-35° to 65°C
Operating humidity	5% to 95% relative humidity non-condensing
Environmental rating	IP65

Other

Standards	UL294/cUL (US & Canada), CB Scheme, FCC Certification (US), IC (Canada), CE (EU), IFETEL (Mexico), ANATEL (Brazil)
Crypto-processor hardware common criteria rating	EAL5+
Card compatibility	UHF EPC Class 1 Gen 2, ISO 18000-6C