

LPLR-2200

Lettore UHF 865 - 868 MHz. Uscite wiegand e RS232. Lettore di tag passivi. Versione Europea. Lavora solo con tag UHF

Ultra-High Frequency (UHF) Reader

The LPLR-2200 offers an impressive combination of single unit construction, small size, and attractive appearance. Unlike many AVI products, the LPLR-2200 operates in the ETSI EN 302 208 ISM (Industrial, Scientific and Medical) band, offers a myriad of credential options from traditional clamshell badges, hangtags to windshield tags, while providing significant savings in deployment and maintenance expense.

Performance enhancements in automobiles impose unwavering circumstances which call for the flexibility AWID has integrated in the LPLR-2200 reader and tags. Tag reading distance is commonly up to 4 meters or more, depending on reader mounting, credential type, and environment. Its electronics and antenna are integrated in a single compact enclosure which is suited for outdoor applications.

The LPLR-2200 offers a price-performance advantage over traditional long-range proximity systems, using battery-free, maintenance-free credentials and operates in the 865-868 MHz UHF band. In addition to Automatic Vehicle Identification (AVI), the LPLR-2200 is ideal for Hospitals, Medical Centers, Airports, Hotels, Stadiums, Amusement Parks, extending unparalleled performance while providing Long Range RFID with the best ROI.



Dettagli

- Long reading distance
- Small, attractive reader
- Easy reader installation
- Wide selection of credentials
- Selectable read repeat rate
- Programmable RF field strength
- Both wiegand and RS-232 data output
- Eliminates stop-and-wait entry

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Specifiche tecniche

Sistema

Distanza massima lettori 7 m da centrale

Tecnologia

Tipo di lettore Lungo raggio
Frequenza di trasmissione operativa del lettore 868 MHz

Interfaccia e connessioni

Interfaccia RS-232, Wiegand

Elettrico

Tipo di alimentatore VDC
Valore di alimentazione 7 to 15 VDC
Consumo attuale 1500 mA

Fisico

Dimensioni fisiche 203 x 203 x 286 mm
Peso netto 1040 g

Ambientale

Ambiente All'aperto
Temperatura operativa -35 to 65°C
Umidità relativa 0 to 95% noncondensing
IP rating IP54

Regolatorio

Conformità CE, FCC, IC, RoHS, UL

Operating characteristics

Reading distance Up to 7m
Frequency band 865 to 868 MHz (Europe and Africa only)
Frequency hopping technology
Antenna output Circular-polarized RF field
Communications protocol Wiegand and RS-232, simultaneous
Code formats Determined by tags & cards, programmed with 26 bits to 50 bits
Cables (for wiegand interface) Power - 2 conductors, 18 gauge
Data - 3 conductors, 22 gauge
Stranded, color-coded, overall shielded, up to 150m
Field-programmable features Read repetition rate, RF power level

Physical characteristics

Dimensions 20.3 x 20.3 x 2.86 cm
Weight 1.04 kg
Material (color) ABS enclosure (beige)
Cable (integrated with reader) 10 conductors, 81 cm long, overall shielded, plastic jacket
Mounting (supplied by installer) Pan-and-tilt adjustment for aiming

Environment

Operating temperature At 50% duty cycle: -35°C - 65°C
At 100% duty cycle: -35°C - 45°C
Operating humidity 0% to 95% non-condensing
Protection class IP65 weatherproof
Avoiding interference Optimize reader performance by avoiding sources of RF - fluorescent and other arc lighting, UHF transmitters, other readers.

Certification

Certificates ISO-9001:2000; FCC part 15; IC; RoHS, CE



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