unique identification

RFID Product Datasheet

i-pos

Compact and powerful RAIN RFID Desktop Reader

Fast, more accurate reading and powerful integration

i-pos desktop reader is a high performance and multi-purpose RFID reader.

Reader designed for point of sale, document tracking, access control and inventory management.

With its adjustable reading settings, variable reading zone from 1-50 cm and connectivity options, i-pos is suitable for a variety of applications.

Key features:

- Fast and accurate reading
- Easy integration
- Bluetooth 4.0, USB connectivity
- Affordable price

Disclaimer: Our company, reserves the right to change its products and services at any time without notice. Our recommendations are based on our best knowledge and experience. As the products are used beyond our control we cannot be held liable for any damages caused when using the product. Use extra care in handling the product and observe standard storage and handling practices to minimize ESD (electro static discharge). This technical specification replaces all earlier ones.

RAIN RFID CE CERTIFIED ISO COMPANY RoHS

Technical Features:

Protocol	EPC Class1 Gen2/ISO 18000-6C
Frequency Range	860 - 960 MHz
RF Power	1dBm-30dBm, 1dBm (Stepper)
Reading Range	< 45 cm
Antenna Polarisation	Circular
Read Rate	50 tags / second
Communication	Bluetooth 4.0, USB connection
Power Input	5V DC
Power Consumption	24 W max
Touch Screen	No
Dimensions	318x318x20mm
Weight	1.133g
Operating Temperature	-20 °C to +50 °C Humidity: 5%RH - 95%RH non condensing

Overview:

Frequency Band
UHF 860-960 MHz

International Standards
ISO/IEC 18000-6C
EPC Global Class 1 Gen 2

Industry
Retail
Logistics
Document Management
Apparel and Fashion

Application
Textile
Eyewear
Accessories
Libraries
Asset tracking
Security

RoHs
EU Directive 2011/65/EU and
2015/863 Compliant

Dimensions : 318 mm × 318 mm × 20 mm
Weight : 1133 g / 39.96 oz.

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