



Fixed RFID Reader XCRF-502E

Ultra High Frequency 902-928MHz
Robust Design & High Level of Performance

Overview

Invengo's RFID Reader XCRF-502E delivers best of class performance and maximum benefits in the mission-critical RFID applications.

It is designed to help enterprises achieve competitive advantage by increasing visibility and process efficiency, resulting in reduced costs and improved profitability.

Applications

Logistics

Asset Management

Supply Chain

Features

- Exceptional signal processing enabled by 500MHz DSP
- Advanced filtering techniques eliminating multi-reader and noise issues.
- Tag distance and movement direction detection
- Patented antenna open circuit detection
- Identifying objects moving at a speed up to 120km / 75miles
- Linux Operating System
- Direct application hosting
- Various network applications, including DHCP, SSH and DNS
- Optimized for scalable applications
- Remote program upgrade

Specifications

Fixed RFID Reader XCRF-502E

Physical Characteristics

Dimensions

300×230×70mm
(11.8×9×2.8in)

Weight

3.4kg
(7.5lbs)

Casing

Metal

User Environment

Operating temperature

-20°C to +60°C
(-4°F to 140°F)

Storage temperature

-45°C to +80°C
(-49°F to 176°F)

Humidity

20-95%

Performance Specifications

Operating frequency

902-928MHz

RF air protocol

ISO18000-6B

Read distance

Up to 10m / 32.8ft
(tag & antenna dependent)

Antenna port

2 N-type connectors

Communication interface

RS 232;
10 / 100Mbps Ethernet

I/O port

2-ch photoelectric isolation signal input;
4-ch relay control output

Wiegand interface

Wiegand 26 interface

Operating system

Linux

RF output (typical)

1W

CPU

DSP 500Mhz

Network applications

TCP / IP; DHCP;
SSH; DNS

Upgrade

Remote program upgrade

Regulatory

FCC Rule Parts 15C

Contact us

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