



CL7226D1

## Features

- Impinj Indy R2000 chipset brings max reading performance
- Aluminum casting housing applies to industrial / business scenarios
- Various communication / software interfaces match various applications
- Humanized design for easy assembling, working visual and audible
- Infrared/ultrasonic wave, anti-theft alarm extensible
- Excellent communication protocol architecture supports faster data processing algorithm
- Special applications customized interfaces / data transferring expandable
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in warehousing, Archives, bank, fashion retail shop, etc.

# Specifications

## Hardware, OS and Firmware Management

Processor	ARM9, 400MHz
Memory	Flash 128MB; DRAM 32 MB
Operating System	Linux 2.6
Firmware Upgrade	Demo software / Telnet
API Support	Windows platform – .net / .net core / C++ / Java SDK Android platform – Java Linux platform – C and Java SDK

## Physical Characteristics

Dimensions	378mm(L)*75mm(W)*1495mm(H)*2Pcs
Weight	Net weight about 20Kgs
Housing Material	Die-cast aluminum / acrylic

## RFID Characteristics

Air Protocols	ISO/IEC18000-6B,6C / EPC C1Gen2
Chipset	Impinj Indy R2000
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208) CN: 920-925MHz (CMIIT)
Supportable /optional	<b>Russian / Japan / Korea / Malaysia / Thailand / other customizable</b>
Programing Functions	Automatic reading/ White list Breakpoint Resume / Match reading / Data filter Data format customizable (PLC / Modbus compatible)

## Working Width

**0.8-2.2m**

## Infrared Sensor

**Supportable**

## Led Alarm

**Supportable**

Output Power	0dBm-30dBm( $\pm 1$ dBm) adjustable
Channel bandwidth	< 200KHz
Anti-collision	RSSI / Multi-tag / Intensive inventory supportable
Work Mode	Fixed / hop frequency optional

## Connectivity

Communications	RJ45, RS-232,
Antenna Port	4* 9dBi antenna
Power supply	DC 24V / 2.5A (DC 9V ~ 30V,30W)

## Environmental

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP54

## Construction Appearance

