



CL7206C8A

## Features

- ISO 18000-6C/6B, EPC Global C1G2 /C2G2 supportable UHF RFID transceiver
- Multiple interfaces help to accelerate system development speed
- Seamlessly compatible with RFID middleware
- Fully interoperable in different global regulatory environments such as US, EU, GB
- Different developing languages SDK meet different developer needs
- Widely used in professional ODM / OEM split-type & integrated type RFID reader / writer



# Specifications

## Hardware, OS and Firmware Management

Processor	ARM9, 400MHz
Operating System	Linux 2.6
Firmware Upgrade	Demo software / Telnet
API Support	Windows – .NET, C++ and Java SDK Android - Java Linux platform – C and Java SDK

## Physical Characteristics

Dimensions	210mm×107mm×24mm
Weight	0.2Kg

## RFID Characteristics

Air Protocols	ISO/IEC18000-6B,6C / EPC C1Gen2
Chipset	Impinj Indy R2000
Frequency	865MHz-928MHz
Programing Functions	Automatic reading/ White list Breakpoint Resume / Match reading / Data filter
Output Power:	0dBm-30dBm (±1dBm) adjustable
Channel bandwidth:	< 200KHz
Reading Distance	0-20m (According to antenna & application)
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

## Connectivity

Communications	RJ45, RS-232, RS-485, Wiegand, GPIO
Antenna Ports	8 SMA female ports; circular or linear polarization; near and far field compatible
General Purpose I/O	4 inputs (DC 0~24V), 4 outputs (DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated
Power supply	DC 24V/2.5A (DC 9V ~ 30V,30W)

## Environmental

Operating Temp.	-20 - +50°C
Storage Temp.	-30 - +50°C
Humidity	5-95% non-condensing (+25°C)

# Construction Appearance

