



CL7206C4

Features

- Impinj Indy R2000 chipset brings strong prime mover
- Split-type design supports max data collection range, helping cost saving
- Special applications customized interfaces / data transferring expandable (WiFi or 4G)
- Aluminum casting housing and installation-friendly I/O connector apply to industrial scenarios
- Different developing languages SDK and online update meet different developer needs
- RJ45, RS232, RS485, Wiegand, USB... various communication interfaces match various applications
- C2GEN2 optional communication protocol architecture supports faster data processing algorithm
- Seamlessly compatible with RFID middleware for rapid implementation of large projects, widely used in ITS / Smart Grid, execution inspection, warehousing & logistic, Smart retail



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 – .NET, C++ and Java SDK Android - Java Linux platform – C and Java SDK

Physical Characteristics

Dimensions	256mm(L)*147.6mm(W)*43.47mm(H)
Weight	1.41Kgs
Housing Material	Die-cast aluminum
Visual Status Indicators	Power, Status, Antenna port indicator

RFID Characteristics

Air Protocols	ISO / IEC18000-6B,6C / EPC C1Gen2, C2GEN2 optional
Chipset	Impinj Indy R2000
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208) CN: 920-925MHz (CMIIT)
Supportable /optional	Russian / Japan / Korea / Malaysia / Thailand / other customizable
Programing Functions	Automatic reading/ White list Breakpoint Resume / Match reading / Data filter Data format customizable (PLC / Modbus compatible) RF Micron / EM Temperature sensor custom Services
Output Power	0dBm-33dBm (± 1 dBm) adjustable
Channel bandwidth	< 200KHz
Reading Distance	0-20m (According to Tag & Environment)
Anti-collision	RSSI / multi-tag / intensive inventory supportable
Work Mode	Fixed / hop frequency optional

Connectivity

Antenna Ports	4 Reverse Polarity TNC ports; circular or linear polarization; near and far field compatible
Communications	RJ45, RS-232, RS-485, USB Host & Client, Wiegand

General Purpose I/O	4 inputs (DC 0~24V), 4 outputs (DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated External WIFI / 4G, built-in Bluetooth optional
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	IP5X standard, IP65 sealing after protective casing

Construction Appearance

