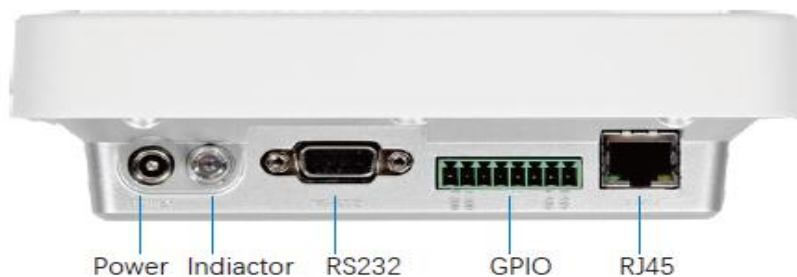




CL7206B7A

## Features

- Powered by Impinj Indy R2000 chipset for maximum tag detection performance
- Delicate and compact design, more friendly with end users
- Various communication / software Interfaces helps faster application system
- Different developing languages SDK meet different developer needs
- Excellent communication protocol architecture supports faster data processing algorithm
- Compactly Integrated design supports better deploy / installation / engineering / wiring
- Special application projects customized interfaces / data transferring expandable
- Direct useable fast tag writing software greatly improves efficiency
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in working station, date issuing, retail cashier, check points, access control, 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	164mm(L)*164mm(W)*49.6mm(H)
Weight	0.7Kg
Housing Material	Die-cast aluminum / ABS cover
Indicators	Power, Status

## 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) RF Micron / EM Temperature sensor custom Services
Built-in antenna	Circular 6dBi, VSWR $\leq$ 1.2:1
Output Power	0dBm-30dBm ( $\pm$ 1dBm)
Channel bandwidth	< 200KHz
Reading Distance	0-8m (According to Tag & Environment)
Anti-collision	RSSI / multi-tag / intensive inventory supportable
Work Mode	Fixed / hop frequency optional

## Connectivity

Communications	RJ45, RS-232, RS-485, Wiegand
General Purpose I/O	1 input(DC 0~24V), 1 output(DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated

Power supply	DC 24V/2.5A (DC 9V ~ 30V, 30W)
<b>Environmental</b>	
Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP54

## Construction Appearance

