



CL7206B5A

Features

- Powered by Impinj Indy R2000 chipset for maximum tag detection performance
- Aluminum casting / waterproof housing applies to all weather industrial scenarios
- 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
- Integrated design supports better deploy / installation / engineering / wiring
- Special application projects customized interfaces / data transferring expandable
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in E-parking, garbage truck, feeding vehicle, AGV, access control, etc



Power, RS232, RS485,
Wiegand, GPIO,
Ethernet optional

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	290mm×290mm×55mm
Weight	1.6Kgs
Housing Material	Aluminum plate / ABS cover

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	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
Built-in antenna	Circular 9dBi, VSWR ≤ 1.2:1
Output Power	0dBm-30dBm (±1dBm) adjustable
Channel bandwidth	< 200KHz
Reading Distance	0-15m (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 optcoupler input, 1 pair 5V output or Wiegand output (Wiegand output is shared with 5V output)

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	IP65

Construction Appearance

