

CL7206B2 2-port Integrated Reader



Features

- Powered by Impinj R2000 chipset for maximum tag detection performance.
- Kinds of communication interfaces: RJ45, RS232, RS485, Wiegand
- Integrated 9dbi antenna, up to 15m detection range, extra antenna port supported
- Reader cache support break-point resume 10,000pcs tag IDs in offline mode.
- Support RSSI, antenna detection, online update
- RSSI & speed filters
- IP65 protection rating for reliable deployment in harsh environment

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 – C and Java SDK

PHYSICAL CHARACTERISTICS

Dimensions	290mm×290mm×115mm
Weight	2.5Kg
Housing Material	Aluminium with white plastic
Visual Status Indicators	Power/Tag reading status, Ant 1-2

RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208)
Built-in antenna	Circular 9dBi, VSWR ≤ 1.4:1
Output Power:	0dBm-33dBm (±1dBm) adjustable
Channel bandwidth:	< 200KHz
Reading Distance	0-15m(According to Tag & Environment)
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

CONNECTIVITY

Communications	RJ45, RS-232, RS-485, Wiegand
General Purpose I/O	2 inputs(DC 0~24V), 2 outputs(DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated
Power supply	DC 24V/2.5A (DC 9V ~ 30V,60W)
Antenna Port	1 Reverse Polarity TNC port; circular or linear polarization; near and far field compatible

ENVIRONMENTAL

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-95% non-condensing (+25°C)
Sealing	IP65

Outline Dimensions

