

CL7206B6 Long Range RFID Integrated Reader



Features

- Powered by Impinj R500 chipset for maximum tag detection performance.
- Kinds of communication interfaces: RS232, RS485, Wiegand
- Integrated 9dbi antenna, up to 6m detection range
- Support RSSI, antenna detection, online update
- RSSI & speed filters
- IP65 protection rating for reliable deployment in harsh environment

Specifications

HARDWARE, OS AND FIRMWARE MANAGEMENT

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×55mm
Weight	1.6Kg
Housing Material	Aluminium with white plastic

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 ≤ 1.2:1
Output Power:	0dBm-30dBm (±1dBm) adjustable
Channel bandwidth:	< 200KHz
Reading Distance	0-6m(According to Tag & Environment)
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

CONNECTIVITY

Communications	RS-232, RS-485, Wiegand26,34,66
General Purpose I/O	1 optocoupler input, 1 pair 5V relay output or wiegand output (wiegand output is shared with 5V relay output)
Power supply	DC 24V/2.5A (DC 9V ~ 36V,30W)

ENVIRONMENTAL

Operating Temp.	-25 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP65

Outline Dimensions

