

HL7206C12 12-Port RFID Reader



Features

- Powered by Impinj R2000 chipset for maximum tag detection performance.
- Kinds of communication interfaces: RJ45, RS232, RS485, Wiegand, USB
- Support extending WiFi or 4G communication capabilities via USB
- Industrial, installation-friendly I/O connector
- Reader cache support break-point resume 10,000pcs tag IDs in offline mode.
- Support RSSI, antenna detection, online update
- RSSI & speed filters

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	260mm×134mm×44mm
Weight	1.41Kg
Housing Material	Die-cast aluminum
Visual Status Indicators	Power, Status, Ant 1-12

RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2
Frequency	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208)
Output Power:	0dBm-33dBm (± 1 dBm) adjustable
Channel bandwidth:	< 200KHz
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

CONNECTIVITY

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 (Terminal Block)
Power supply	DC 24V/2.5A (DC 9V ~ 30V,60W)
Antenna Ports	12 SMA-K ports; circular or linear polarization; near and far field compatible

ENVIRONMENTAL

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP54

Outline Dimensions

