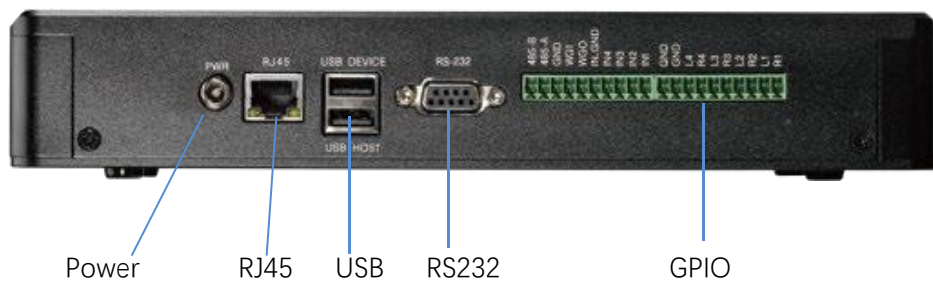




HL7206C12

Features

- Impinj Indy R2000 chipset brings strong prime mover
- Aluminum casting housing applies to industrial scenarios
- Various communication / software interfaces match various applications
- Different developing languages SDK meet different developer needs
- Excellent communication protocol architecture supports faster data processing algorithm
- Split-type design supports max date collection range, helping cost saving
- Special applications customized interfaces / data transferring expandable
- Seamlessly compatible with RFID middleware for rapid implementation of large projects
- Widely used in Smart cabinet, documents / tools management, bank assets tracking, Smart retail



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	260mm(L)*134mm(W)*44mm(H)
Weight	1.3Kgs
Housing Material	Die-cast aluminum
Visual Status Indicators	Power, Status, Antenna port indicator

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
Output Power	0dBm-33dBm (± 1 dBm) adjustable
Channel bandwidth	< 200KHz
Reading Distance	0-20m (According to Tag & Environment)
Anti-collision	RSSI / multi-tag / intensive inventory supportable
Work Mode	Fixed / hop frequency optional

Connectivity

Antenna Ports	12* SMA-K / female ports, circular or linear polarization; near and far field compatible
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 External WIFI / 4G
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	IP5X standard, IP65 sealing after protective casing

Construction Appearance

