

CL7206C8

Top End Eight-port RFID Reader



FEATURES:

- ✓ **Powerful:** Impinj R2000 platform and double power amplifier synthetic circuit
- ✓ **Advanced:** Max RFID module and antenna, reading distance up to 1-15m (max 9-20m), 400pcs each time
- ✓ **Excellent:** Linux OS carrying ARM9 CPU keeps high performance and 24hrs X 365days no crash
- ✓ **Humanist:** Kinds of communication interfaces supportable, Bluetooth, WIFI wireless methods extensible
- ✓ **Adaptable:** Excellent rugged design for kinds of industrial environments such as production line, forklift

APPLICATIONS:

Industries	Applications
✓ Traffic Transportation Hub; Parking Lot; Checkpoint; Highway	• City Traffic Control
	• ETC / Payment / Check
	• Customs Clearance Control
	• Vehicle/ License/E-plate Checking
✓ Retail Sales Floor; Backroom	• Inventory/Cycle counting
	• Automatic Replenishment
	• Receiving/Shrink control
	• Employee Management
✓ Electricity Grid Center; Base station; Warehouse	• Equipment management
	• Warehousing Management
	• Asset Tracking
	• Item finding
✓ Manufacturing Production line; Warehouse; Docks	• Work in Process (WIP)
	• Receiving/Shipping
	• Asset/IT Management
	• Production automation
✓ Logistic Express; Freight; Seaport	• Picking/Delivering
	• Receiving/Shrink control
	• Package management
	• Item finding
✓ Supply Chain Fashion; Container tracking	• Container Tracking
	• File and Documents Tracking
	• Purchase, Sale, Stock Management

SPECIFICATIONS:

System	
Operation System:	Linux 2.6
CPU:	ARM9, 400MHz
Memory Capacity:	DDR SDRAM :128M; ROM: 256M
Physical	
Size:	256mm×148mm×43.5mm
Weight:	2.0Kgs
Housing Material:	Casting Aluminum
Power supply:	DC 24V/2.5A
Antenna interface:	8×TNC interface
Protection level:	IP53
UHF RFID	
Protocol:	ISO/IEC18000-6B,6C / EPC C1Gen2
Frequency:	USA:902 MHz-928MHz (FCC part 15) EU:865-868MHz(ETSI EN 302208) CHN:920-925MHz
Output Power:	0dBm-33dBm(±1dBm) adjustable
Power adjustment:	1dBm step-by-step
Channel bandwidth:	< 200KHz
Frequency stability:	≤ ±10ppm
Interface:	RS-232, RS-485,Wiegand, RJ45, USB2.0, Bluetooth optional, WI-Fi customizable
Work Mode:	Fixed/hop frequency optional
Communication speed	10m/100m self-adaptable
Reading speed	>400times/S
I/O interface	4 optocoupler input/ 4 relay output
Anti-collision	Support multi-tag reading, intensive reading
Software	Support RSSI ,antenna detection, online update, data filtering
External antenna	8x 9dBi /6dBi /12dBi optional
Reading Distance:	0-15m (depending on environment)
Writing Distance:	0-8m (depending on environment)
Operational Environment	
Working Temperature:	-20 - +70°C
Storage Temperature:	-45 - +85°C
Atmospheric Pressure:	86kPa ~ 108kPa
Relative Humidity:	5%-95% RH no condensing
Support	
Documentation:	Demo software & source code; API; Development Guide; User manual