

# CL7206C4

## 2<sup>nd</sup> generation Four-port RFID Reader

### FEATURES:

- ✓ **Powerful:** Impinj R2000 platform and double power amplifier synthetic circuit
- ✓ **Super:** Second generation with more powerful, stronger, and smaller design
- ✓ **Advanced:** Max RFID module and antenna, reading distance up to 1-15m (max 9-20m), >500times/s
- ✓ **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**





#### 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:	(60W) DC 24V/2.5A (DC 9V ~ 30V)
Antenna interface:	4×TNC interface
Protection level:	IP55
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	> 500times/second
I/O interface	4 optcoupler input/ 4 relay output
Anti-collision	Support multi-tag reading, intensive reading
Software	Support RSSI ,antenna detection, online update, data filtering
External antenna	4x 9dBi /6dBi /12dBi optional
Reading Distance:	0-20m (depending on environment)
Writing Distance:	0-8m (depending on environment)
<b>Operational Environment</b>	
Working Temperature:	-20 - +70°C
Storage Temperature:	-40 - +85°C
Atmospheric Pressure:	86kPa ~ 108kPa
Relative Humidity:	10~9% RH no condensing