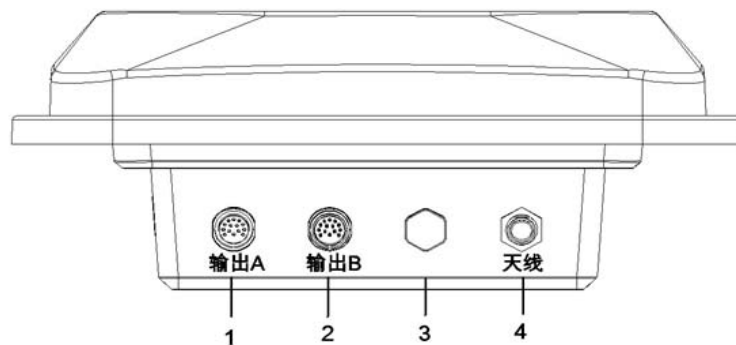


# CL7206B2

## RFID Integrated Reader



1: Power/communication 2:I/O control 3: Degassing valve 4: extensible antenna port

### 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)
- ✓ **Excellent:** Linux OS carrying ARM9 CPU keeps high performance and 24hrs X 365days no crash
- ✓ **Humanist:** **Good expandability, could expand into 2 antenna for special application**
- ✓ **Industrial:** IP66 rugged, applying to kinds of severe environment
- ✓

**SPECIFICATIONS:**

System	
Operation System:	Linux 2.6
CPU:	ARM9, 400MHz
Memory Capacity:	DDR SDRAM :128M; ROM: 256M
Extended Memory:	Max 32G TF card supportable
Physical	
Size:	290mm×290mm×115mm
Weight:	2.5Kgs
Housing Material:	Aluminum + PC
Power supply:	DC (9V-30V) /2A(60W)
Protection level:	IP66
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(CMII) GB: 840MHz~845MHz
Output Power:	(25W) 0dBm~33dBm(±1dBm) adjustable
Power adjustment:	1dBm step-by-step
Channel bandwidth:	< 200KHz
Frequency stability	≤ ±10ppm
Interface:	RS-232, RS-485,Wiegand, RJ45, I/O, RF antenna port
Work Mode:	Fixed/hop frequency optional
Communication speed	10m/100m self-adaptable
Reading speed	>400times/S
I/O interface	2 optocoupler input/ 2 relay output (drive capability: DC 30V/2A, AC 125V/0.75A)
Anti-collision	Support multi-tag reading, intensive reading
Software	Support RSSI ,antenna detection, online update, data filtering
Built-in Antenna:	Circular 9dBi
VSWR	≤1.4 : 1
External antenna:	6dBi/9dBi/12dBi optional
Reading Distance:	0-15m (depending on environment)
Writing Distance:	0-8m (depending on environment)
Operational Environment	
Working Temperature:	-30 - +70°C
Storage Temperature:	-40 - +85°C
Atmospheric Pressure:	86kPa ~ 108kPa
Relative Humidity:	10%-95% RH no condensing