

CL7206C4 Long reading range UHF RFID Reader



CL7206C(4) UHF RFID Reader is Hopeland (Clou Group) most popular and widest application mode.

Features:

- Impinj R2000 platform and double power amplifier synthetic circuit.
- Read distance up to 20 meters, read speed up to 500 times/sec.
- Linux OS carrying ARM9 CPU keeps 24hrs * 365days running.
- Kinds of communication interfaces. Wi-Fi, Bluetooth optional.
- Anti-shock design, suitable for rugged environment usage.
- Simple / easy installation with standard connector
- Best choice for ETC, vehicle, warehousing, logistic supply chain applications
- Successful cases in BMW, BYD, Audi, Huawei, Russia government projects.
- Independent technology/design copyright

Specification:

| System | |
|-------------------------|---|
| Operation System: | Linux 2.6 OS, ACC, C# programmable supportable |
| CPU: | ARM9, 400MHz |
| Memory Capacity: | DDR SDRAM :128M; ROM: 256M |
| UHF RFID | |
| International Protocol: | ISO/IEC18000-6C / EPC global Class1 Gen2 / ISO/IEC18000-6B |
| Frequency: | 902 MHz-928MHz (FCC part 15) FCC certified 865-868MHz (ETSI EN 302208) (Europe / CIS area supportable) CE certified Specially support Russian and CIS area frequency Special customizable (Korea, Indonesia, Thailand, India import and so on) |
| Output Power: | 0dBm-33dBm (± 1 dBm) adjustable |
| Power adjustment: | 1dBm step-by-step |
| Channel bandwidth: | < 200KHz |
| Frequency stability: | $\leq \pm 10$ ppm |
| Work Mode: | Fixed/hop frequency optional |
| Reading speed | >400times/S, max 600times/S |
| Anti-collision | Support multi-tag reading, intensive reading |
| Software | Support RSSI, Support antenna detection, Support software online update, Support data filtering Support Automatic/single/inventory reading mode. Support black/white list |
| Read range: | 20m (depending on antenne/antenna cable and transponder) |
| Antenna interface: | 4×TNC interface Antenna working state to show by 4*LED Support UHF multiplexer CL7206A3 antenna system max 2048 reader |

| | |
|---------------------------------|--|
| | platform |
| Communication Interface: | RS-232, RS-485, Wiegand, Ethernet /WLAN(RJ45), USB host/device (WiFi, Bluetooth,4G doogle based on request) |
| I/O interface | 4 input/ 4 relay output |
| Physical | |
| Working Temperature: | -25 - +70°C |
| Storage Temperature: | -40 - +85°C |
| Atmospheric Pressure: | 86kPa ~ 108kPa |
| Relative Humidity: | 5~95% RH no condensing |
| Size: | 256mm*148mm*43.5mm |
| Weight: | 2.0Kgs |
| Housing Material: | Casting aluminum, excellent anti-shock design, thermal design |
| Power supply: | DC 24V/2.5A (DC 9V ~ 30V) |
| Protection level: | IP65 with protection Cap and sealing. |