

# CL7206B7

## Miniature RFID Integrated Reader



### FEATURES:

- ✓ **Powerful:** ARM9,400MHz platform synthetic circuit
- ✓ **Advanced:** Impinj R2000 max RFID performance.
- ✓ **Excellent:** Linux OS for good expandability of kinds of customized applications
- ✓ **Humanist:** Independent molding with small and exquisite design
- ✓ **Industrial:** IP54 rugged, applying to kinds of severe environment

### FEASIBLE APPLICATIONS:

- ✓ Vehicle Management: Intelligent Parking System, Access control, Auto-weighting and so on
- ✓ Automation: Production automation and Production Visual control
- ✓ Logistic: Containers tracking, Pallets management
- ✓ Ticketing: Electronic tickets, access control, entrance guard
- ✓ Asset management: Inventory, warehousing in/out

**SPECIFICATIONS:**

| System                  |  |
|-------------------------|--|
| Operation System:       | Linux 2.6  |
| CPU:                    | ARM9, 400MHz   |
| Memory Capacity:        | DDR SDRAM :128M; ROM:256M  |
| Extended Memory:        | N/A  |
| Physical                |  |
| Size:                   | 128mm×128mm×45mm   |
| Weight:                 | 1.3Kgs   |
| Housing Material:       | Aluminum + PC  |
| Power supply:           | DC 5V/4A   |
| Protection level:       | IP54   |
| UHF RFID                |  |
| Protocol:               | ISO/IEC18000-6B / EPC C1Gen2   |
| Frequency:              | USA:902 MHz-928MHz (FCC part 15)<br>EU:865-868MHz (ETSI EN 302208)<br>CHN:920-925MHz |
| Output Power:           | (20W) 0dBm~33dBm(±1.5dBm) adjustable   |
| Power adjustment:       | 1dBm step-by-step  |
| Channel bandwidth:      | < 200KHz   |
| Frequency stability     | ≤ ±10ppm   |
| Interface:              | RS-232,RS-485, Wiganprolongableoptional (without RJ45)                               |
| Work Mode:              | Fixed/hop frequency optional   |
| Communication speed     | 10m/100m self-adaptable  |
| Reading speed           | >400times/S  |
| I/O interface           | 1optocoupler input/ 1 relay output   |
| Anti-collision          | Support multi-tag reading,intensive reading  |
| Software                | Support RSSI ,antenna detection, online update, data filtering                       |
| Antenna:                | Circular 6dBi built-in   |
| Reading Distance:       | 0-10m (depending on environment)   |
| Writing Distance:       | 0-4m(depending on environment)   |
| Operational Environment |  |
| Working Temperature:    | -30 - +70°C  |
| Storage Temperature:    | -45 - +85°C  |
| Atmospheric Pressure:   | 86kPa ~ 108kPa   |
| Relative Humidity:      | 10%-95% RH no condensing   |