



A most popular classic high performance UHF RFID Reader based on Impinj R2000 chip, supporting ISO18000-6C protocol. Widely used for asset management, logistic, warehouse inventory, products transshipment, vehicle management, production automation, etc.

## 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

## APPLICATIONS

- Vehicle Management: Intelligent Parking System, Access control, Auto-weighting
- 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

System	
Operation System:	Linux 2.6
CPU:	ARM9, 400MHz
Memory Capacity:	DDR SDRAM :128M; ROM:256M
Extended Memory:	N/A
Physical	
Size:	164mm×164mm×49.6mm
Weight:	1.5Kgs
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) EU:865-868MHz (ETSI EN 302208) CHN:920-925MHz
Output Power:	0dBm~33dBm(±1.5dBm) adjustable
Power adjustment:	1dBm step-by-step
Channel bandwidth:	< 200KHz
Frequency stability	≤±10ppm
Interface:	USB, RJ45, RS-232,RS-485
Work Mode:	Fixed/hop frequency optional
Communication speed	10m/100m self-adaptable
Reading speed	>400times/S
I/O interface	1optocoupler input/ 2output (wiegand/5V)
Anti-collision	Support multi-tag reading,intensive reading
Software	Support RSSI ,antenna detection, online update, data filtering
Antenna:	Circular 6dBi built-in
Reading Distance:	0-8m (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

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