

CHAINWAY URA4 ANDROID 4-PORT UHF READER

HIGH PERFORMANCE 4-PORT UHF RFID READER

The Chainway URA4 is an Android-based 4-port UHF RFID reader built for high-performance data collection in demanding enterprise environments. Powered by the Impinj E710 RFID engine and running on Android, the URA4 delivers superior read performance, advanced data processing, and powerful application capabilities. With multi-antenna connectivity and industrial-grade durability, it is ideal for warehousing, logistics, manufacturing, retail and access control applications.

**4-PORT READER**
Connect up to 4 antennas

**IMPINJ E710**
High-performance RFID engine

**ANDROID OS**
Powerful application capabilities

**HIGH PERFORMANCE**
Fast tag reading & processing

**RUGGED & RELIABLE**
Built for industrial environments

**MULTI-INTERFACE**
Ethernet, USB, GPIO & more

KEY FEATURES

- ✓ Impinj E710 RFID engine
- ✓ Android operating system
- ✓ 4 antenna ports
- ✓ Up to 900+ tags/sec read rate
- ✓ Excellent multi-tag performance
- ✓ 8-core processor for powerful performance
- ✓ Multiple communication interfaces
- ✓ POE+ support (IEEE 802.3at)
- ✓ Industrial-grade rugged design
- ✓ Remote management & upgrade
- ✓ Wide power supply range
- ✓ Ideal for enterprise applications

PRODUCT SPECIFICATIONS

Model	Chainway URA4
RFID Engine	Impinj E710
Operating System	Android 9.0
Antenna Ports	4 x SMA Female (50Ω)
RF Output Power	5dBm to 33dBm (adjustable)
Read Rate	Up to 900+ tags/sec
Read Range	Up to 15m+ (dependent on antenna & tags)
Frequency	865–868MHz / 902–928MHz
Protocol	EPC C1 GEN2 / ISO18000-6C RJ45 (10/100/1000M Ethernet), USB 2.0, USB Type-C, GPIO, RS232
Communication Interfaces	
Power Supply	DC 9–36V
POE Support	IEEE 802.3at (POE+)
Power Consumption	< 15W
Processor	Octa-core 2.0GHz
Memory	4GB RAM / 64GB ROM
Dimensions	255.4 x 197.4 x 63 mm
Weight	Approx. 2.35kg
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Humidity	5% ~ 95% (Non-condensing)
Protection Rating	IP65
Certifications	CE, FCC, RoHS

TYPICAL APPLICATIONS



WAREHOUSING

- Inventory management
- Asset tracking
- Receiving & dispatch
- Warehouse automation



LOGISTICS

- Pallet & container tracking
- Shipment verification
- Fleet management
- Yard management



ACCESS CONTROL

- Vehicle access
- Personnel access
- Parking management
- Secure entry systems



RETAIL

- Inventory management
- Anti-theft solutions
- Smart shelves
- Supply chain visibility



MANUFACTURING

- Work-in-progress tracking
- Tool & asset tracking
- Production monitoring
- Quality control



HEALTHCARE

- Asset tracking
- Patient tracking
- Medication management
- Hospital logistics

RFID PERFORMANCE

RFID Engine	Impinj E710
Frequency	865–868MHz 902–928MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna Ports	4 x SMA Female
Peak Read Rate	> 900 tags / sec
Read Range	Up to 15m+
RF Power	5dBm to 33dBm (adjustable)

ENVIRONMENTAL

 Operating Temperature	-20°C to +60°C
 Storage Temperature	-40°C to +85°C
 Humidity	5% ~ 95%
 Protection Rating	IP65

CONNECTIVITY

 Ethernet	10/100/1000M RJ45
 USB	USB 2.0, USB Type-C
 Serial	RS232 (DB9)
 GPIO	Input / Output
 Power Input	DC 9–36V
 POE	IEEE 802.3at (POE+)

WHAT'S IN THE BOX

- 1 x Chainway URA4 UHF Reader
- 1 x Power Adapter
- 1 x Power Cord
- 1 x Ethernet Cable
- 1 x Mounting Kit
- 1 x Quick Start Guide

COMPLIANCE

- ✓ CE Certified
- ✓ FCC Certified
- ✓ RoHS Compliant
- ✓ Android OS
- ✓ EPCglobal Compliant



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