

Seuic

AUTOID UF40

Ai Intelligent Fixed RFID Reader

Unlock Advanced Technology,
Deploy with Ease



AI-Powered

- © Intelligent self-networking, dramatically reduces setup time
- © One-click smart tuning, accurately distinguishes between moving and static tags



Outstanding RFID Performance

- © Impinj E710 + Seuic proprietary anti-collision enable 1300 tags/sec group reading



1300 tags/sec

Easy and Rapid Deployment

- © Supports PoE power, no external supply needed
- © Built-in relay for easy device connection
- © 12–48V wide voltage for stable industrial use



Stable, Reliable, and Durable

- © Dust, water, and shock resistant for dependable use
- © Supports online firmware upgrades for easy maintenance



AUTOID UF40 Technical Specifications

Tag Protocol	EPC Class1 Gen2/ EPC Class1 Gen2X/ ISO18000-63
Operating Frequency	860Mhz – 930Mhz (adjustable based on country/region)
Max. Output Power	1-33dBm adjustable
Power Step	1dB
Max.Receiver Sensitivity	-87dBm (Gen2 protccol), -93dBm (Gen2X protocol)
Max. Reading Rate	Up to 1300 tags/sec
Reading Distance	>10m (30dbm, 9662 white card, outdoor openenvironment, 9dBiC circularly polarized antenna)
Writing Performance	>5m (30dbm, 9662 white card, outdoor openenvironment, 9dBiC circularly polarized antenna)
CPU	Cortex-A53 quad-core 2.0 GHz
OS	Linux 5.4
Storage	2GB+32GB
Comm. Protocol	TCP/IP, RS232, WiFi (2.4G/5G dual band, IEEE802.11a/b/g/n/ac)
Interface	4 × RP-TNC antenna ports, WiFi, DC 12-48V, 2 × USB 2.0, RJ45 (1000M/100M/10M auto-negotiation), RS232 (DB9 Female), Debug port, System reset (RESET)
Input/Output	4 opto-isolated inputs & 4 outputs, isolation voltage >2.5kV (VRMS), external voltage range 12–24V
Power Supply	12-48VDC , standard adapter 24V/2A adapter, supports PoE
POE	IEEE 802.3-AT / IEEE 802.3-AF
Power Consumption	≤1.5A(24V power supply)
Environmental Characteristics	Operating Temperature: 20°C to +60°C Storage Temperature: -25°C to +80°C Operating Humidity: 5%–95% RH, non-condensing
Protection	IP54
Dimensions	230*150*32mm
Weight	≤1160g (device only) ≤1850g (with packaging)



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