

Seuic

AUTOID UF2 Series

UHF RFID Integrated Reader



Superior
Performance



Easy
Installation



High
Protection



Three Models for Every Need

AUTOID UF2-3dBi



Ultra-compact Size

- 95*95*36mm, saving installation space

High Protection

- IP67 + M12 industrial dustproof and waterproof connectors for robust and durable performance

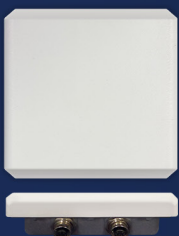
Excellent Reading Performance

- Multi-tag reading capability: up to 50 tags/s, range up to 2 m

Multiple Communication Interfaces

- Supports CAN, TCP/IP, RS232, and RS485 interfaces

AUTOID UF2-6dBi



Excellent Read/Write Performance

- Reading distance: >4m
- Writing distance: 0-3m

Communication Interface

- Supports TCP/IP interface

High Protection

- IP65 dustproof and waterproof

AUTOID UF2-10dBi



Excellent Read/Write Performance

- Reading distance: >7m
- Writing distance: 0-7m

Communication Interface

- Supports TCP/IP interface

High Protection

- IP65 dustproof and waterproof

Application Areas



AUTOID UF2 Series Specifications

Dimensions	3dBi: 95×95×36mm 6dBi: 131×131×51.4mm 10dBi: 305×305×81.7mm
Interface / Communication	Default network port (10/100M adaptive speed), Optional CAN, Optional RS232 (rate 115.2Kbit/s), Optional RS485 (half duplex)
Power Supply	12V DC
Power Consumption	<12W
Interface	2 × M12 industrial ports (includes power, GPIO, communication)
Input/Output	Default 2-in/2-out optocoupler-isolated GPIO, compatible with 5–24V levels, supports GPIO customization
Indicators	Buzzer, LED indicator
Protection Rating	3dBi: IP67 6dBi/10dBi: IP65
Weight	350g / 1800g (varies with different configurations)
Tag Protocol	EPC C1 GEN2 / ISO18000-6C
Operating Frequency	Default: 920MHz - 925MHz (China), 860Mhz – 960Mhz (adjustable per region)
Operating Mode	Default: Random frequency hopping, supports fixed frequency
Output Power	10–30dBm adjustable, step 1dBm
Antenna Gain	3dbiC / 6dbiC / 10dbiC (circular polarization)
Reading Distance	3dBi: >2m (H47 tag) 6dBi: >4m (H47 tag) 10dBi: >7m (H47 tag) Actual distance depends on tag & environment
Writing Distance	3dBi: 0–1m (H47 tag) 6dBi: 0–3m (H47 tag) 10dBi: 0–7m (H47 tag) Actual distance depends on tag & environment
Host Software	Windows
Standard Hardware	M12 12Pin power supply +GPIO adapter cable, M12 8Pin communication adapter cable
Standard Software	Host demo software, demo manual, SDK, interface manual



Official Website:
www.seuic.us
en.seuic.com



Service Mail:
inquiry@seuic.us
marketing@seuic.com

