



# AUTOID UF2

## Compact UHF RFID All-In-One Reader

Multi-tag reading 50 / sec, reading distance up to 2 meters, small size of the machine  
Especially suitable for application in the identification of a small number of tags,  
reading distance is close and compact, harsh operating environment of industrial occasions



Superior performance



Easy installation



High protection



**01 ULTRA-SMALL SIZE**  
95\*95\*36MM  
SAVES INSTALLATION SPACE

**02 INTERNAL ANTENNA**  
ADOPTS BUILT-IN 3DBI  
CIRCULARLY POLARIZED ANTENNA

**03 OUTSTANDING READING AND WRITING**  
MULTI-TAG READING 50 / SEC, READING DISTANCE UP TO 2 METERS

**04 HIGH-LEVEL PROTECTION**  
IP67 PROTECTION GRADE, M12 INDUSTRIAL DUSTPROOF AND WATERPROOF AVIATION PLUG  
INTERFACE, RELIABLE AND DURABLE

**05 MULTIPLE COMMUNICATION INTERFACES**  
SUPPORT CAN, TCP/IP, RS232/RS485 AND MANY OTHER MULTIPLE COMMUNICATION  
INTERFACES, PORTABLE, DUSTPROOF AND WATERPROOF PLUG-IN CONNECTOR FOR  
RELIABLE AND DURABLE USE.

# TECHNICAL PARAMETERS

Dimension	95×95×36mm
Interface/ communication	Default network port (rate 10/100M adaptive) Optional CAN Optional RS232 (rate 115.2 kib/s) Optional RS485 (half duplex)
Power	12V DC Power Supply
Power consumption	<12W
Interface	M12 Industrial Interface*2 (Includes power supply, GPIO, and communication interface)
Input/output	Default 2 in 2 out opto-coupler isolated GPIO compatible with 5-24V levels, support GPIO customization
Notification methods	buzzers、LED light alert
IP	IP67
Weight	350g(Depending on the configuration)
Labeling protocol	EPC C1 GEN2 / ISO18000-6C
Working frequency	Default: 920MHz-925MHz (China)   860Mhz-960Mhz(Can be adapted to the requirements of different countries or regions)
Working method	Default random frequency hopping, support fixed frequency
Output power	10-30dBm adjustable, step power 1dBm
Antenna Gain	3dbiC(circular polarization)
Reading distance	>2m (H47 labels), The actual distance is related to the label and the environment
Writing Distance	0-1m(H47 labels), The actual distance is related to the label and the environment
Multi-tab speed	(H47 labels), The actual speed is related to the label and the environment
PC software	Windows /Linux
Standard Hardware	M12 12Pin power+GPIO adapter*1 M12 8Pin communication adapter*1 12v power adapter*1
Standard software	Upper demo, demo manuals   SDK, interface manuals

## Field of application



Parceling



Manufacturing line  
over station acquisition



RFID Forklift  
Applications



Official Website:  
[www.seuic.us](http://www.seuic.us)  
[en.seuic.com](http://en.seuic.com)



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