Seuic

AUTO**ID** 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
SUPPORTCAN、TCP/IP、RS232/RS485 AND MANY OTHER MULTIPLE COMMUNICATION
INTERFACES, PORTABLE, DUSTPROOF AND WATERPROOF PLUG-IN CONNECTOR FOR
RELIABLE AND DURABLE USE.

TECHNICAL PARAMETERS

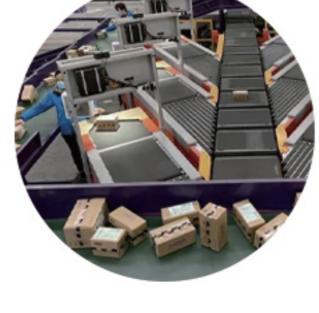|	
Dimension	95×95×36mm
Interface/ communication	Default network port (rate 10/100M adaptive)|Optional CAN Optional RS232 (rate 115.2 kib/s)|Optional RS485 (half duplex)
Power	12-24VDC(Recommend 12v)
Power consumption	<12W
Interface	M12 Industrial Interface*2|(Includes power supply, GPIO, and communication 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