

Seuic



UF2-C

Fixed UHF RFID Reader

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Product Intro

UF2-C Fixed UHF RFID Reader

CAN Bus · Industrial Grade · Small



Size

UF2 is a UHF reader developed by SEUIC with built-in QM100 engine. It comes standard with TCP/IP protocol interface, supports optional CAN, RS232, RS485 and other protocol interfaces. Combined with proprietary and efficient signal processing algorithms, it achieves high reading rate and fast tags reading and can be widely used in logistics, production process control, etc.

Sorting



Industry: Logistics

It is used to quickly identify the contain bag and improve the circulation efficiency, such as the application of the contain bag line in the logistics.

Process Control



Industry: Automobile, Appliance

CAN bus supported, used for production process monitoring to realize the quality traceability and production line optimization.

Features

- Support ISO18000-6C class 1 Gen2 Protocol
- Output power adjustable from 10 to 30dBm
- Tags Reading Rate > 50tag/s
- Support EPC & TID Anti-collision Modes



- Automatic Mode, Interactive Mode, Trigger Mode, etc.
- Multiple Communication Protocols: RS232/485, CAN, TCP/IP, etc.
- Support 2 GPIO outputs.

Core Advantages



- Support CAN Bus for Industrial Interconnection

Faster & More Stable Data Transmission

Highly Adaptable to The Industrial Field

Application

- Better

Protection

IP67 sealing grade, no fear in demanding

environment



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UF2-C Order &
Accessory

How to choose model

STANDARD/OPTIONAL	CHARACTERISTICS	FUNCTION CODE	SPECIFICATIONS
STANDARD	UHF	U5	QM100 module
	Label Protocol	/	EPC C1 GEN2 / ISO18000-6C
	Frequency	/	860Mhz – 960Mhz(Adjustable for different countries or regions)
	Reading Speed	/	>50Pcs/s
	Output Power	/	Adjustable from 10dBm to 30dBm, 1.0dBm each step
	Antenna	A03	3dbi circularly polarized antenna
	Reading Distance	/	>2m (Affected by label and environment)
	Writing Distance	/	0-1m (Affected by label and environment)
	Communication Interface	6	TCP/IP
	Status Indicator	/	Battery, Running Status, Buzzer
	Battery Capacity	/	12~24V DC
	Protection	/	IP67
OPTIONAL	Communication Interface	4	CAN

Order Example:

For TCP/IP communication interface , should order like: **AUTOID UF2-U5A036**

For CAN communication interface , should order like : **AUTOID UF2-U5A034**



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