

FX-2020U

LONG RANGE UHF READER



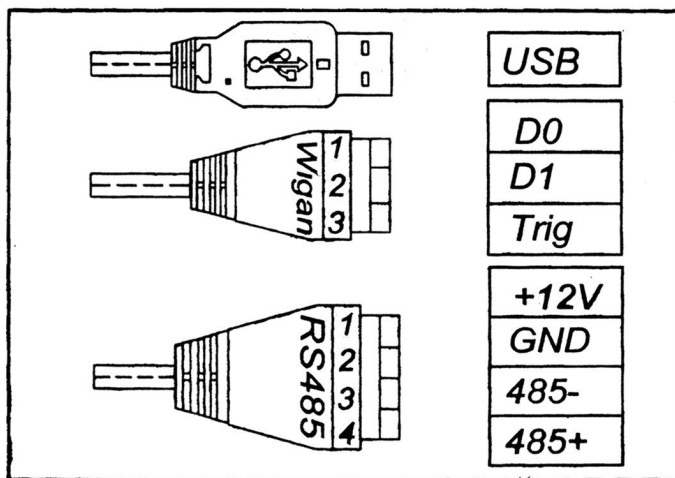
Product Feature

- Compliance to EPC Global Class 1 GEN 2 UHF RFID.
- Protocol agile buffer and tag shifting mode.
- Compliance to ISO 18000-6C type UHF standard.
- **Standards:** EN 61000-6-1:2004 + A2:2010,
EN 61000 -6-3,
EN 301489,
EN 300330.

Technical Specification

Model	FX-2020U
Frequency Range	865-868Mhz (CE)
Reading Capability	Capability of reading ISO18000-6C EPC Passive tags Able to decode ISO-18000B EPC Reading range (Max): 8M, Reading range (Reliable): 4M
Protocol	ISO18000-6C/EPC GEN2
Air Tag Interface	FHSS hopping and fixed frequency
Interface	RS485, Wiegand26/34 & USB
IP Rating	IP66
Antenna	Built-in 9dbi circularly polarized antenna
RF Power	0~30dbm, Adjustable by software
Read Mode	Active, Answer, Trigger working mode
Fixing Method	Vertical (360 degree adjustable, Angle of gradient max 30 degree)
Operating Temperature	-10°C~60°C
Storage Temperature	-25°C~80°C
Humidity	10%~ 95% Non-condensing
Transmitting Power	Max. 2 Watts
Power Supply	DC12V
Weight	2Kg
Dimension	260x260x60mm

Interface Details



Radio Equipment Specifications Approved by TRA

EQUIPMENT NAME	TYPE / MODEL	RADIATED POWER (WATTS)	ANTENNA
RFID Passive Reader	FX-2020U	2W	Integrated

UHF System Diagram

