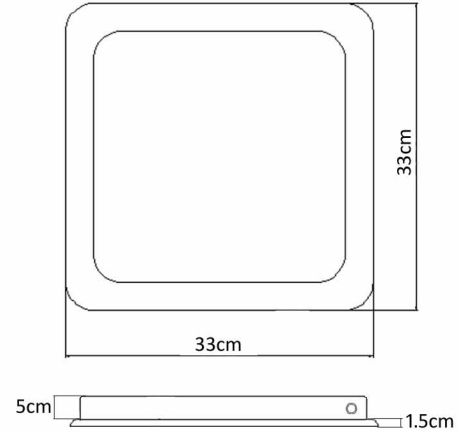


FX-2020U UHF RFID Reader



Dimensions



Key Features

- 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 EN301489 EN 300330.

Technical Specifications

Model	FX-2020U
Fixing Method	Vertical (360 degree adjustable, Angle of gradient Max 30 degree)
Antenna	Linear polarization antenna
Frequency Range	865-868MHz, European Standard (CE)
Interface	IRS232, RS485, Wiegand 26 bits/32 bits & TCP/IP(Matching)
Tag Air Interface	Fixed frequency or FHSS
Operation Mode	EPC Class 1 GEN 2 Standard
Reader Distance	5 meters
Reading Capability	1. Capability of reading ISO18000-6B EPC Passive tags and software programmable 2. Able to decode ISO-18000B EPC 3. Reading range(Max): 5M, Reading range(Reliable): 3M
Operating Temperature	-20°C~60°C (Adjustable), Storage temperature -55°C~100°C
Storage Temperature	-40°C~70°C
Humidity	10%~ 95% Non-condensing
Transmit Power	Max. 2 Watts
Power Supply	DC12V/25W
Power Consumed	+5V DC Average power of less than 2W
Dimension	33×33×6.5 CM

Radio equipment specifications approved by TRA

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

UHF System Diagram

