

UHF Reader ER701 Datasheet



Ordering Information	
Model No.	ER701U
Name	UHF Reader
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1. Overview

ER701 is a UHF integrated reader for long range operation. Compact Reader with integrated 3dBi circular polarized UHF Far Field antenna, Based on proprietary efficient digital signal processing algorithm, the reader is capable of up to 2m Read Range and 1m Write Range.

The reader operates in frequency range of 902MHz~928MHz design to read ISO18000 - 6C and ISO18000 - 6B protocol ID Tag.

The reader can be widely applied in many RFID application systems such as logistics, access control, and anti-counterfeit and industrial production process control system.

2. Specifications

Dimensions	136mm (L) x 85 mm (W) x 20 mm (H)
Antenna	3dBi circular polarize antenna
Weight	110g
Cable	1.2m USB cable
Color	Black
Interface	USB
Operating Distance	Up to 2m
Supply Voltage	DC+5V
Operating Temperature	-20~50 °C
Storage Temperature	-30~70 °C
Operating Frequency	902~925MHz
Out power	0dBm~30dBm (Adjustable)
Smart Card Supported	ISO18000 - 6B , ISO18000 - 6C(EPC GEN2)