Long Range UHF RFID Reader And Writer

PK-UHF101U

PK-UHF101E
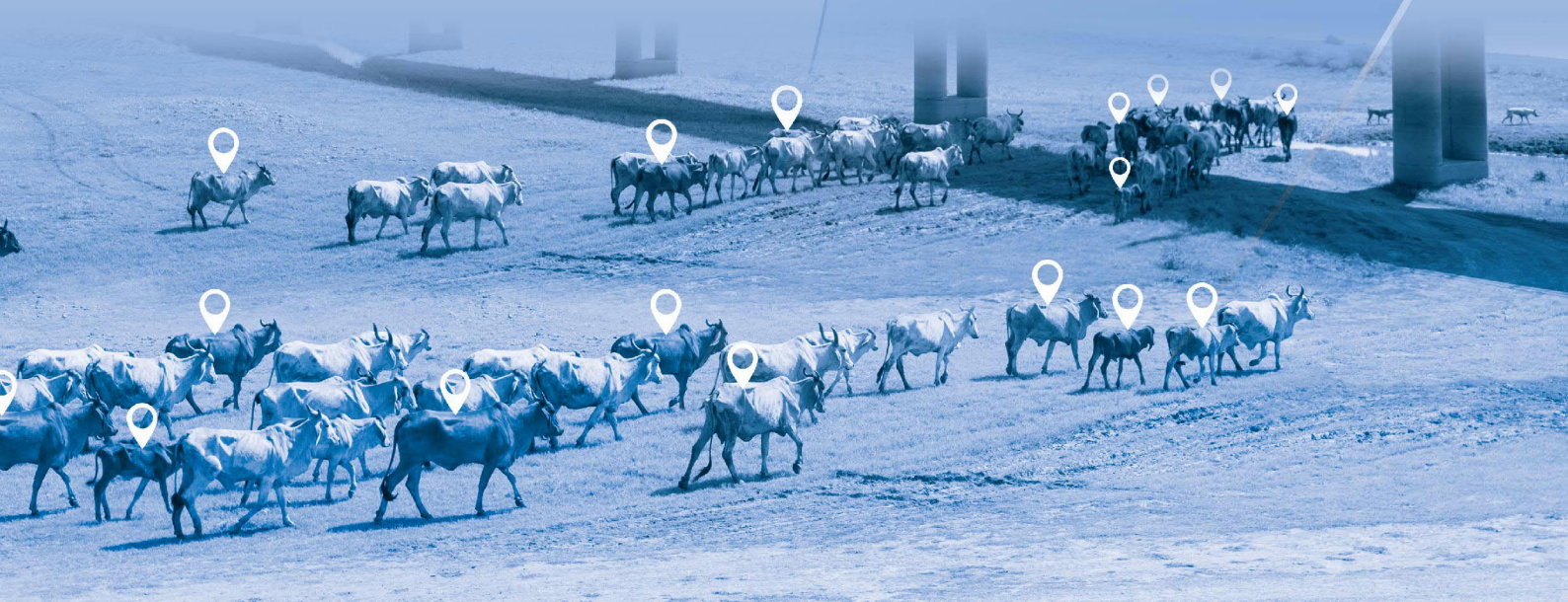
PK-UHF201U
PK-UHF201E

Introduction

PK-UHF101 / PK-UHF201 is one of high-performance UHF frequency reader, combining proprietary signal processing algorithms and efficient, with a high recognition rate processing performance and fast read and write, can be widely used in logistics, parking systems, access control systems, animal management, security systems and production process control, and other radio frequency identification(RFID) systems.

Features

- Protocol comply with UHF EPC Gen2(ISO18000-6C), ISO 18000-6B standard.
- Working frequency 902~928MHz(PK-UHF101U / PK-UHF201U) / 865~868MHz(PK-UHF101E / PK-UHF201E)
- Support adjustable frequency range (FHSS) or fixed specific working frequency.
- Power output 0-30dBm (adjustable)
- Built-in 8dBi/12dBi polarized antenna as choice.
- Support operation Modes as Answer, Active, Trigger mode.
- Low power design, Input Power: DC +9V.
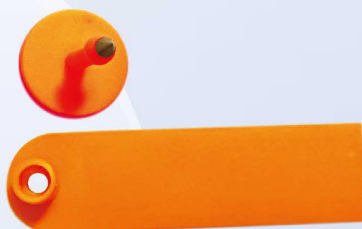- Support RS-232, RS-485, Wiegand 26/34 Interface.

Specifications

Model No.	PK-UHF101U	PK-UHF101E	PK-UHF201U	PK-UHF201E
Dimension	230 x 230 x 57mm	255 x 255 x 35mm	445 x 445 x 55mm	
Net Weight	900g	900g	2600g	
Gross Weight	1700g	2210g	5000g	
Protocol	ISO18000-6B, EPC Class 1 Gen2(ISO18000-6C)			
Protection Grade	IP54			
Work Frequency	Standard ISM 902~928MHz(PK-UHF101U / PK-UHF201U)(ANSI Standard), 865-868MHz(PK-UHF101E / PK-UHF201E)(British Standard)			
Frequency Hopping	FHSS			
Power Output	0-30dBm(adjustable)			
Antenna	Built-in 8dBi linearized polarized antenna		Built-in 12dBi linearized polarized antenna	
Interface	RS232, RS485, wiegand 26/34(TCP/IP,Wifi can be customized）			
Operating Mode	Answer,Active,Trigger			
Reading Speed	10ms / tag			
Reading Clue	Buzzer			
Input Power	100-240V,DC+9V (Power Adapter)			
Operation Temp	-20°C~+70°C			
Storage Temp	-25°C~+80°C			
Humidity	80%			
Regulatory	Compliant with CE,FCC			
Additional services	Provide Demonstration software and SDK(VC, VB, C#, VB.NET, C++) for further development			

Ear tag for animals

Ear Tag for Cows
PG-PROXT-UHF-02-B3

Ear Tag for Sheep
PG-PROXT-UHF-01-B3

Ear Tag for Pigs
PG-PROXT-UHF-04-B3

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We reserve the right to change the specification without prior notice or obligation!

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