

Long Range UHF RFID Reader And Writer



PK-201UT

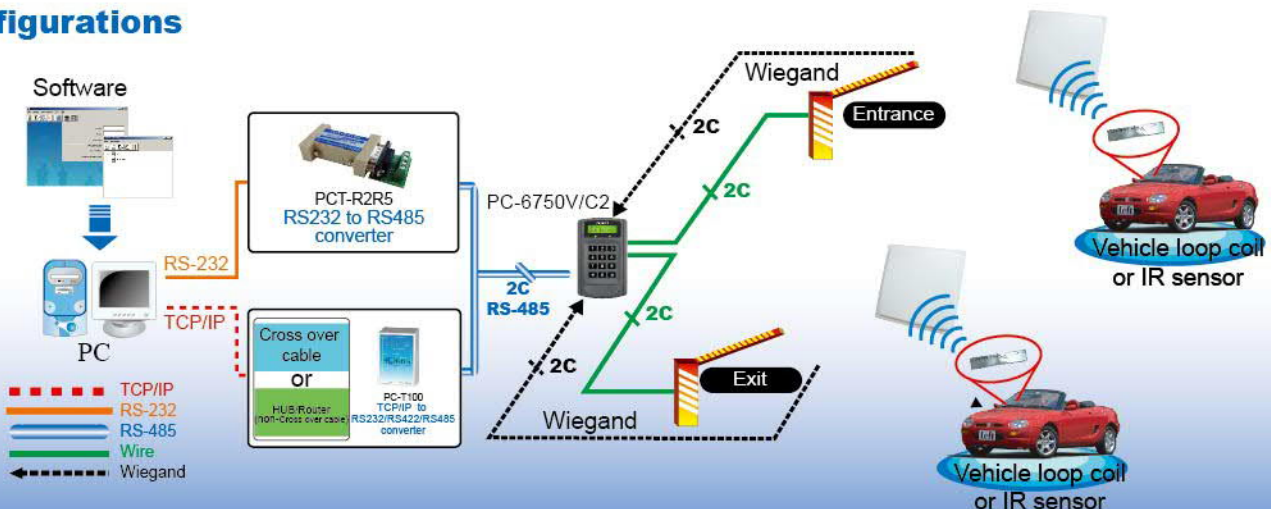
Introduction

- PK-201UT 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, 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**
- Support adjustable frequency range (FHSS) or fixed specific working frequency.
- Power output **0-30dBm** (adjustable)
- Built-in **12dBi** polarized antenna as choice : Reading range **3~25M**.
- Support operation Modes as Answer, Active, Trigger mode.
- Low power design, Input Power: **DC +9V**.
- Support **RS-232**, **RS-485**, **Wiegand 26/34** Interface. Optional TCP/IP, POE, Wifi.

Configurations

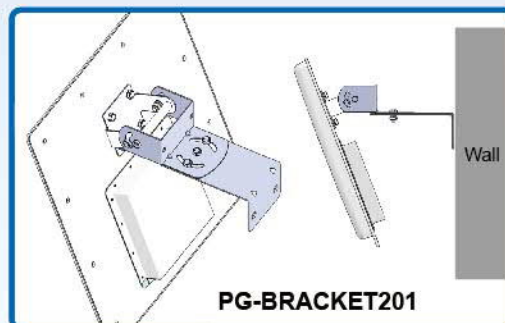


Optional Accessory

- ◆ USB type reader support easier ID number collection & registration for access control system.



- ◆ Bracket for PK-201UT



Specifications

Dimension	445 x 445 x 55mm
Protocol	ISO18000-6B, EPC Class 1 Gen2(ISO18000-6C)
Protection Grade	IP54
Work Frequency	Standard ISM 902~928MHz(ANSI Standard),
Frequency Hopping	FHSS
Power Output	0-30dBm(adjustable)
Antenna	Built-in 12dBi linear polarized antenna (optional for circular antenna)
Interface	RS232, RS485, wiegand 26/34(TCP/IP,Wifi can be customized)
Operating Mode	Answer,Active,Trigger
Read Range	3~25m
Reading Speed	10ms / tag
Reading Clue	Buzzer
Input Power	100-240V,DC+9V (Power Adapter)
Voltage Standing Wave Ratio	≤1.3
Operation Temp	-25°C~+60°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

UHF Label / Card / Tag

Appearance						
Model No.	PG-PROXL-6C-B2	PG-PROXL-UHF-6C-A-B3	PG-PROXC-UHF-B1	PG-UHFLW9811-B3	PG-PROXL-6C-2-B1	PG-UHFTM10530-B3(865~869MHz) PG-UHFTM10530U-B3(902~928MHz)
Operating Range	9~12m	15m	15m	12m	12m	15m
Dimension(L x W x H)mm	105 x 6.5	110 x 45	85 x 54 x 1	98 x 11	95 x 21	105 x 30 x 7.5

* Operating Range: Depending on antenna/reader

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

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