

# Long Range UHF Integrated RFID Reader SRK 86



Linux



IP 67



Antenna  
Auto Tuning



UHF RFID



Easy  
Installation



Low Cost



Rugged  
Design

SRK-86 a high-performance low cost UHF RFID integrated reader. It is designed with low power dissipation and high integrated RFID chip solution, which has features of long reading distance, high identification speed, multiple interfaces and ease installation. It can be widely used in logistics tracking, commodity inventory, cargo sorting, vehicle management, personnel management, asset management, warehouse management, anti-counterfeiting systems and production process control and many other applications.

## PHYSICAL PARAMETERS

<b>Dimensions</b>	298mm x 298mm x 105mm
<b>Weight</b>	2.8 kg
<b>Power Supply</b>	100-240V, DC+9V (Power Adapter)
<b>Interfaces</b>	RS232, RS485, Wiegand 26/34 (TCP/IP & PoE Optional )
<b>Indicators</b>	Buzzer/LED
<b>Software Support</b>	SDK Provided
<b>Housing</b>	Poly Carbonate Engineering Plastic

## ENVIRONMENTAL SPECIFICATION

<b>Temperature</b>	-25 C to +60 C (Operating), -25oC to +80oC (Storage)
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Protection Class</b>	IP 67

## UHF RFID

<b>Work Frequency</b>	Standard ISM 865-868 MHz (IND), 865-868 MHz (EU), 902-928 MHz (US)
<b>Air Interface Protocol</b>	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
<b>Read Range</b>	0 - 15m
<b>Write Range</b>	0 - 6m
<b>Antenna</b>	Built-in 9 dBi circular polarized antenna
<b>Operating Mode</b>	Answer, Active, Trigger
<b>SDP</b>	Provided DLL and Demonstration Software Source code to Facilitate Further Development
<b>Reading Rate</b>	Software Programmable
<b>RF Power Output</b>	0-33dBm (adjustable)
<b>Frequency Hopping</b>	FHSS

## ORDERING INFORMATION (Communication Interface)

<b>IDT 86 P</b>	RS232/485, Weigand, PoE
<b>IDT 86 L</b>	RS232/485, Weigand 26/34, Ethernet

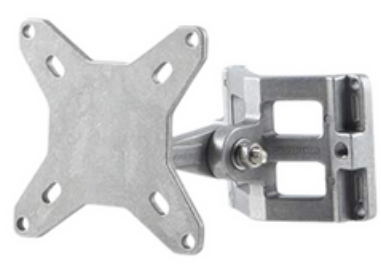
## ACCESSORIES



Power Adapter



Mounting Kit



VESA Mount

## APPLICATION AREA



Parking Lot Management



Electronic Toll Management



Warehouse Management



Employee/  
Student  
Tracking



Vehicle Access Management



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