



RFID SYSTEM SOLUTION

Only you can't imagine that you can't do it without you

UHF High Performance Integrated Reader– 860 ~ 960MHz

UHF-001

UHF-001 is a High Performance UHF integrated reader for long range operation. The reader operates in frequency range of 860MHz~960MHz 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.



front



behind



beside



packaging



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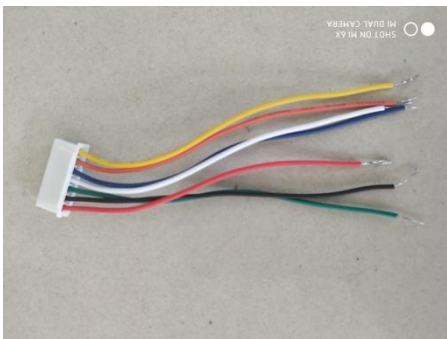
Specification:

ITEMS	DESCRIPTION
S4A Model:	UHF-001
System Parameter:	ARM7+UHF model
Operating Frequency:	International（920~925MHz） USA（902~928MHz） EUR（865~868MHz） Others（Customized Tag）
Read Range:	>2m
Group of reading performance:	>50pcs
Support Protocol:	Fixed Frequency Band and FHSS Software Programmable;
Frequency Hopping Mode:	Master- Slave Mode（Online Mode）、Time Scheduled Modes Trigger Mode
Operating Mode:	0-30dBm（Adjustable）
Output Power:	2dBi circular polarize antenna（Integrated）
Antenna:	Fixed Frequency Band and FHSS Software Programmable;
Communication Port:	RS485、Wiegand26、Wiegand34
Power:	+12V
Prompt:	Beep or LED light flash
Power Consumption:	< 1W
OPERATING ENVIRONMENT	
Operation:	－20℃ ～ +70℃（Customized）
Humidity:	20％ ～ 95％（without condensation）
Storage:	－40℃ ～ +125℃
PHYSICAL PARAMETER	
Dimension:	122x78x25MM
Net Weight:	110G
Weight:	210G
ACCESSORES	
Software Pack（Optional）:	API Software Development Kits complete with VB,C#Sample Program

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Specification:

Core definition



Core definition

ITEM	DESCRIPTION
RED	+12V
BLACK	GND-
BLUE	TRIGGER
YELLOW	RS485 R-
ORANGE	RS485 R+
GREEN	DATD0
WHITE	DATD1

Area of Application



Parking lot Management



Automotive and Transportation



Personnel management



Logistic Management



Product Line Management



Library Book Management