



Long Range Reader without RJ

Description : IP Based long-distance UHF Reader

Model No : GA-UHF-L

Key Features

- Self-intellectual property
- Support ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag
- 865 ~ 868 / 902 ~ 928MHz frequency band(frequency customization optional)
- FHSS or Fix Frequency transmission
- RF output power up to 30dbm(adjustable)
- 12dbi antenna optional with effect distance more than 15m*
- Support auto-running, interactive and trigger-activating work mode
- Low power dissipation with single +9 DC power supply
- Support RS232, RS485, Wiegand interface
- Provide DLL and Demonstration Software Source code to facilitate further development

Technical Specifications

Electrical And Mechanical Specifications

Item	Symbol	Min	Type	Max	Unit
Power Supply	VCC	8	9	12	V
Current Dissipation	IC		350	650	mA
Frequency	REQ	902		928	MHZ
Effective Distance*	DIS	800	1000		cm

Characteristics

Item	Symbol	Min	Type
Power Supply	VCC	16	V
Operating Temp.	OPR	-10 [~] +60	0C
Storage Temp.	STR	-25 [~] +80	0C

Interface

Item	Symbol
Red	+9V
Black	GND
Yellow	Wiegand DATA0
Blue	Wiegand DATA1
Purple	RS485 R+
Orange	RS485 R-
Brown	GND
White	RS232 RXD
Green	RS232 TXD
Grey	Trigger input(TTL level)