

UHF RFID Reader



Product model: F500

Product Picture:



Technical characteristics:

Transponder Protocol	EPCglobal UHF Class 1 Gen 2/ISO 18000-6C、ISO 18000-6B (Options)	Working Current	<500mA@24V
		Standby Current	<20mA@24V
Working Frequency	860~960MHz	Communication	RS-232、RS-485
Working Region	FCC 902-928 MHz ETSI 865.6-867.6 MHz CN 920-925MHz Other Area can be set up	Interface	4PIN Green(+RS-485) ,DB-9, 5 SMA RF Connector
RF POWER	5~30dBm(1dB Step adjustable)	Operating Temperature	-25°C to 65°C
Receiving Sensitivity	<-78dBm	Storage Temperature	-40°C to 85°C
RF Accuracy	±1dB	Relative Humidity	10% - 95%
Flatness Of RF Power	±0.2dB	Coling Type	Air Cooling
Reading Distance	>3.5m (According to different tag)	Dimensions(W x H x D)	102.0*67.0*17.5mm
Reading Speed	>400 PCS/second	Weight	<115g
LED Indicator	Support	Housing Material	Aluminum alloy
RSSI	Support	Approval	FCC、CE、RoHS
Ambient Temperature Monitoring	Support	Software Development Materials	SDK & API
Working Voltage	DC 9~24V		

Antenna interface:

ANT1:	SMA	DC9~24 V:	DC Power, voltage range 9~24V
ANT2:	SMA	GND:	Signal&Power reference GND
ANT3:	SMA	485 A:	Com RS-485A Signal
ANT4:	SMA	485 B:	Com RS-485B Signal
ANT5:	SMA	RS232	Standard D9 serial port

LED Indicator Description:

Tricolour light:

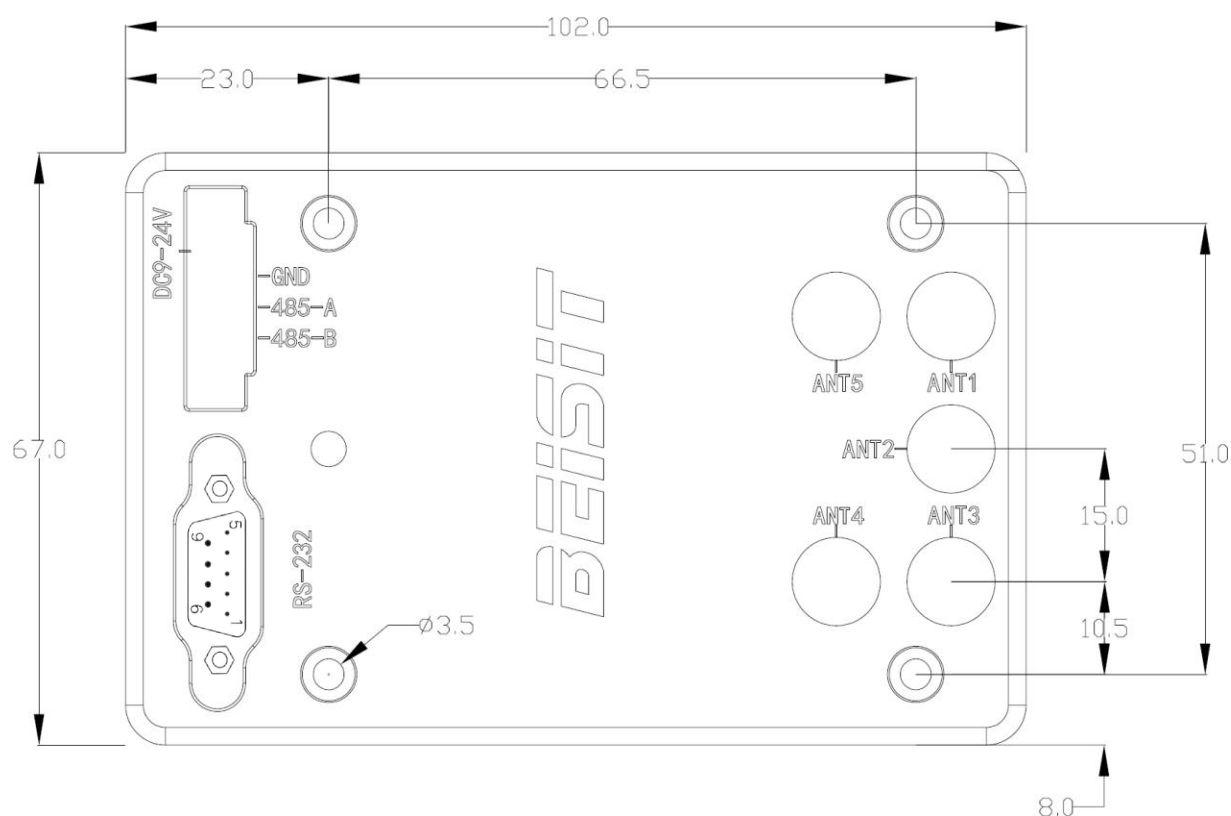
Red Lamp — Power, Blue Lamp — On-Reading, Green Lamp — Flash Got Tag.

Announcements:

Do not open the software when the antenna is not connected,

otherwise no load may damage the reader!

Dimensions:





FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.