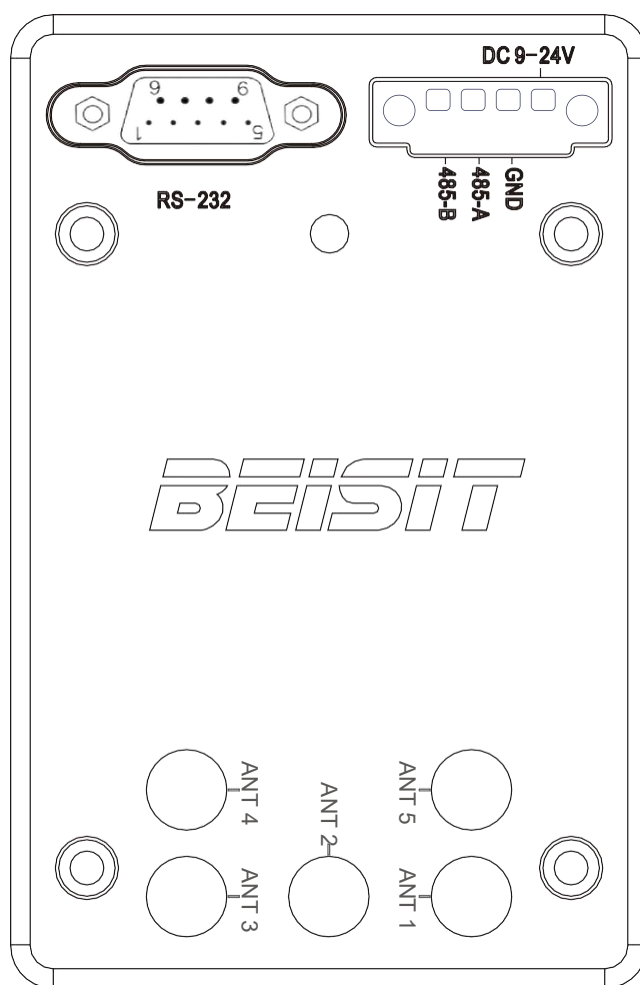




F500 读写器规格书



型 号: BUR-F500-01

产品外观:



基本参数:

| | | | |
|---------|---|--------|---|
| 空中接口协议 | EPCglobal UHF Class 1 Gen 2/ISO 18000-6C ISO 18000-6B (选配) | 工作电流 | <500mA@24V |
| | | 待机电流 | <20mA@24V |
| 工作频率 | 860~960MHz | 通讯方式 | RS-232、RS-485 |
| 工作区域 | FCC 902-928 MHz ETSI 865.6-867.6 MHz 中国 920-925MHz 其他区域频率可设置 | 物理接口 | 4PIN绿色端子 (电源+RS-485) , DB-9, 5个SMA射频接头 |
| 射频功率 | 5~30dBm(1dB进阶可调设置) | 工作温度 | -25°C to 70°C |
| 接收灵敏度 | <-78dBm | 存储温度 | -40°C to 85°C |
| 输出功率精度 | +/- 1dB | 相对湿度 | 10% - 95% |
| 输出功率平坦度 | +/- 0.2dB | 散热方式 | 空气散热 |
| 读标签距离 | >3.5米 (2dBi陶瓷天线读9662白卡标签) | 整机尺寸 | 102.0*67.0*17.5mm |
| 读标签速率 | >400张/秒 | 整机重量 | <115g |
| LED指示灯 | 支持 | 机身材料 | 铝合金 |
| RSSI | 支持 | 认证 | FCC、CE、RoHS |
| 环境温度监测 | 支持 | 软件开发资料 | 提供全套SDK及API |
| 工作电压 | DC9~24V | | |

接口定义:

| | | | |
|-------|------------|--------|-------------------|
| ANT1: | 天线接口 (SMA) | V+: | 直流电源供电, 电压范围9~24V |
| ANT2: | 天线接口 (SMA) | GND: | 信号参考地, GND |
| ANT3: | 天线接口 (SMA) | 485 A: | 串口 RS-485A 信号 |
| ANT4: | 天线接口 (SMA) | 485 B: | 串口 RS-485B 信号 |
| ANT5: | 天线接口 (SMA) | RS232 | 标准D9串口线序 |

指示灯:

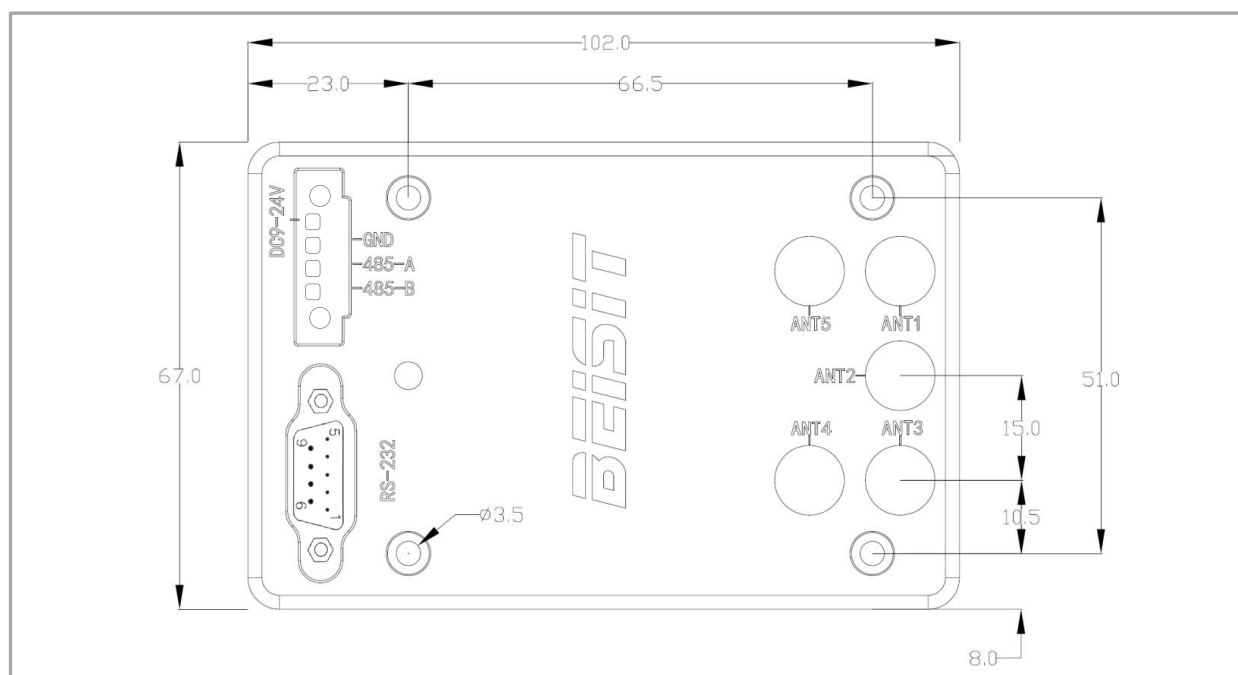
三色灯:

- 上电红灯亮
- 读卡蓝灯亮
- 固件升级绿灯闪烁

注意事项:

未连接的天线时不可打开软件, 否则空载可能损坏读写器!

外形尺寸:





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.