



Power of RFID

UHF RFID Serial Interface Reader/Writer ADB-510 (902-928 MHz)

Features

- Either Integral or 4 External Mono-static Antennas
- Serial Communications – RS232
- Frequencies cover all major markets
- 1W Output, 0-1W tuning at 1dB steps
- Multiple forward and reverse data link speeds
- Pre-scanned for Certification
- Dense Reader Mode
- Compact Credit Card Size
- Variable user memory access via API
- ≤ 10 ms Wake Up Time

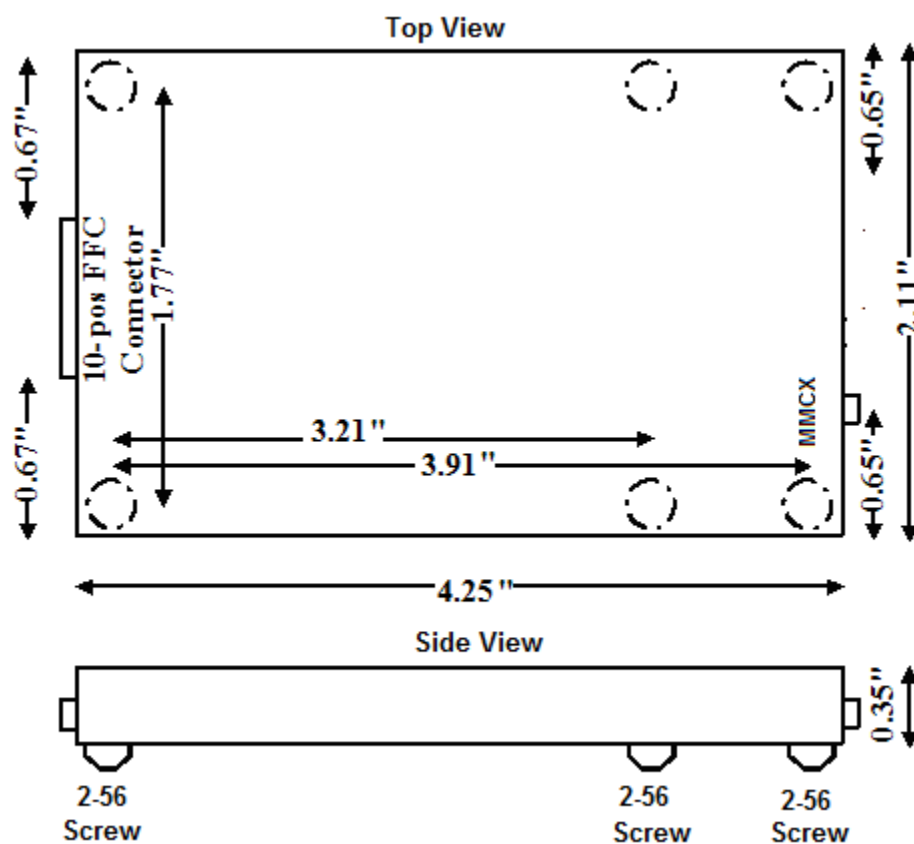


ADB-510

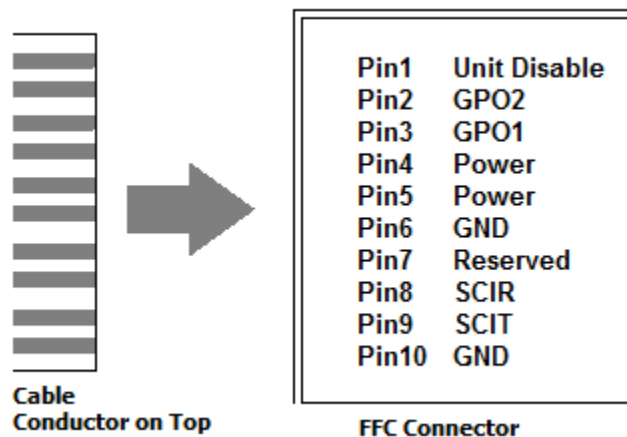
Specifications

ADB-510	
Frequency	902.60~927.40 MHz, Frequency Hopping
RF Power	1 Watt Max (+30 dBm) w/ 20 dBi digital Control Range
Protocols	EPC C1G2, ISO 18000-6 C
Antenna Polarization	Linear Polarized
Antenna Gain & Impedance	12.4 dBi Typical and 50 Ohm
Antenna Configuration	MMCX (F) antenna connector - Mono-static
Communications Interface	Serial - RS-232
Power Requirements	DC 13 V @ 2.0 A max
Operating Temperature	-30°C to +65°C (-22°F to +149°F)
Size	2.11"x3.31"x0.35"

Dimensions and Pin Diagram



Pin Diagram - Top View



* Note: Special license to operate this device may be required in certain countries. Adhere to local regulations where applicable.



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