

Easy, Light Weight & High Performance RFID Module for Casio IT-G500



- Direct plug-in to Casio IT-G500
- Charge directly from Casio unit
- RFID Config for different countries

- High Power - Max. 0.5W (10 to 27 dBm)
- Long Operation hours up to 10hrs
- Built-in Security SIM / SAM Card
- Dust / Water Splash Proof IP54
- Support ISO7816, T0 T1 protocol
- Support EPC Class1 Gen2, ISO 18000-6C Dense Reader Mode (DRM)

Compatible for below devices

- Casio IT-G500-C16E
- Casio IT-G500-GC26E
- Casio IT-G500-C26E
- Casio IT-G500-GC16E



Specification

Model no.	MT-RFG500-SAM
Description	UHF RFID reader for Casio IT-G500
Communication interface	Casio IT-G500 extension interface
RFID Frequency	Taiwan 922-928MHz, HK: 865 - 868 MHz or 920 - 925 MHz Bands; Configurable for different countries such as US: 902 ~ 928 MHz and and EU: 865 - 868 MHz
Standard	EPC Class 1 Gen 2, ISO 18000-6C, EPC Dense Reader Mode (DRM)
Output Power	10 ~ 27dBm (10mW to 500mW) in 8 steps (Dense Reader Mode)
Read Range	Up to 3 meters (depending on the tag packaging)
Temperature	Operating: 0°C to +50°C Storage: -20°C to +70°C
Humidity	5% to 90% RH (no condensation)
Battery	3.7V 900mAh Li-ion Rechargeable Batteries Build-in (10hrs - read 10s in every 4mins)
Dimension (mm)	108 (L) x 81 (W) x 40 (H)
Weight	110g
Dust / Water Splash Proof	IP67
Drop Durability	1.5m in height onto concrete floor
Power Consumption	1A peak @5V
SAM card Slot	Support ISO7816 T0, T1 protocol Support ISO7816 Class A, B and C (5V/3V/1.8V) card