JT-2850

UHF RFID Low Power Consumption Module

JT-2850 is a UHF RFID read/write module with small size, low power consumption and high sensitivity. Support EPC C1 G2 /ISO 18000-6C protocol, with 40*40mm ceramic antenna,work with 9662 rfid tag can reach 0-1m. Can be easily embedded in tablet PCs, PDAs, etc.Handheld terminals realize the RFID expansion function of such devices and are widely used in logistics management, product quality inspection, personnel management and other fields.

SPECIFICATION

RFID Parameter

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	ISO18000-6C/EPC C1G2
Reading rate	Within 20 tags
RF power	0~18±1dBm
Antenna interface	1 way IPEX
Reading range	0~1m
Write range	0~30cm
Communication interface	Uart(TTL)
Power supply	+5V
Peak current	60mA(DC-12V)
UART communication	2 way (1 way for RS232, 1 way for RS485)
FM mode	Hopping / Fixed
SDK	Demo&C++,C#,JAVA,Android SDK

Use Environment

Operating Temp.	-45° C~+90° C
Storage Temp.	-45° C~+90° C
Humidity	5-90% non-condensing (+25° C)

Physical Parameters

Dimensions	41.5(L)*25(W)*3(H)mm