Dedication, Integrity, Innovation, Win-win

IOT Application Expert

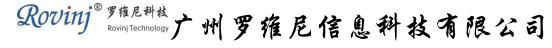**Products**

UHF All-In-One Desktop Product Specification

Guangzhou Rovinj Mdt InfoTech Co.,Ltd

1. Product Brief

ROV-1001 UHF All-in-one Desktop is a high-performance RFID fast cash register device derived basing on RFID smart store solution. It is designed with independent intellectual property rights and combined with proprietary high-efficiency signal processing algorithm. It can achieve fast reading and writing processing of electronic tags while keeping high reading accuracy. It mainly applies smart store cash register system, and can also be integrated into Logistics, access control system, anti-counterfeiting system and production process control and other radio frequency identification (RFID) systems.

2. Picture

3. Technical Features

➢ Support electronic tags conforming to ISO18000-6B and EPC CLASS1 G2 standards；

➢ Support USB interface;

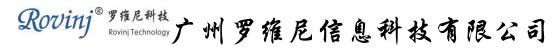➢ Provide interface and seamless docking of multiple POS application platforms;

Smart Store Features

Consumer：

➢ Fast settlement, create the better shopping experience;

Retail Store：

➢ Fast settlement, convenient and high efficiency

➢ It can be embedded into the desktop, fashionable and beautiful design;

4. Specification Parameters

Module Code	**ROV-1001**
Communication Interface	USB
Serial Interface Communication Rate	115200 Baud
Size	320×220×20 mm
Antenna Polarization	Circular Polarization
Antenna Gain	2dbi
Reading Distance	Read：<2m Write：<0.5m
Operating Temperature	-10℃ ~ +60℃
Operating Humidity	<95%（+25℃）
Reader Chip	R2000
Air Interface Protocol	EPCglobal UHF Class 1 Gen2 /ISO 18000-6C、6B
Frequency	840MHz ~ 960MHz
Output Power	1-30dbm
Output Power Accuracy	+/- 1db
Output Power Flatness	+/- 0.2db
Operating Mode	Stand Alone