Integrated Intelligent RFID Reader

Profile:

SOMFY’s LR-RF-01 is a UHF EPC C1G2 Integrated Fixed RFID reader with industry leading and unique embedded event engine and combo functions APIs to enable an unprecedented level of intelligence and automation in a reader. In addition, the reader is powered by SOMFY technology to give the best read rate and read range and dense reader performance in the industry.

Features:

- Industry unique embedded event engine, combo functions (function sequences), that enables highly intelligent and autonomous reader operation
- Industry leading SOMFY technology for best dense reader mode, highest read rate and best read range
- Meeting all Industry Standards

Specifications:

Physical Characteristics: 440mmx440mmx50mm  Weight =1 kg; IP 64 Protection

Read Range: Approx. 12 m

Read Rate: Software Programmable. Average Reading per 64Bits: <6ms

Read Mode: Timing or Touch, Software Programmable

Antenna: Built-in round polarization Antenna. Gain 8dBi

Controller: Built-in. Card: 10000 & Transaction Memory: 30000

Frequency Range: ISM 865 ~ 868MHz, other frequency available

Environment: Operating Temp: -20°C to 75°C  Storage Temp: -40°C to 85°C (-40°F to 185°F)  Humidity: 5% to 95% Non-condensing

Connectivity: Ethernet/Wiegand26-34/RS232 (9600 bps)

Power Supply: DC + 9V direct current power (power adapter)

Reading Clue: Buzzer and LED

RF Power: 0~30dBm, software programmable

Input/Output Ports: Two Outputs (Relay); One Input (TTL)

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