ALARMID EAS 1

RFID Alarm system is superior to all competitors with superior reading performance and ease of integration.

Linearly developed and security-designed RFID antennas ensure excellent results in product safety.

All settings can be updated instantly via network connection.

It automatically detects sold products and doesn't respond or alarm when leaving the store. If an unsold product is leaving the store, it notifies with both alarm sound and light and sends the product information to the cloud server system instantly.

The system can be installed in underground and ceiling space. It operates without being seen by customers.

If any problem occurs on the network or other communications lines, all log operations will be stored offline in the SD card that is embedded in system.

Thanks to the Linux operating system and its advanced features, your server-connected softwares also integrate easily to the system.

Even at a wide store gate/door with a width of 4m and a height of 4m, it operates quite successfully.

False alarm and similar issues have been minimized.

Product Technical Specifications

System Box Size	: Length: 25cm Width: 18cm Height: 35cm
Weight	: 3kg / ±0.5kg
Body Material	: Plastic and Metal
Operating Temperature	: +10 °C to +30 °C
Humidity	: 5% to 65%
Power Input	: 12 w
Maximum Reading Quantity	: 500 pcs / sec

RFID Reader Specifications

Air Interface Protocol	: GS1/EPCglobal UHF Gen2 (ISO 18000-6C)
Operating Frequency	: 865.6MHz - 867.6MHz
Reading Power	: +10.0 to +31.5 dBm
Max Receive Sensitivity	: -84 dBm
Min Return Loss	: 10 dB
API	: LLRP, C, C++, Java, and C# libraries
Network	: DHCP, Static
GPIO	: 4 Input - 4 Output
RF Output Port	: 1/2 Port
IntensiveReading Mode	: Yes
Special Memory Reading	: TID, User, Reserved

RFID Antenna Specifications

Antenna Type	: Circular
Antenna Gain	: 4.5 dBi
Antenna Size	: Length: 43cm Width: 43cm Height: 2.5cm
Antenna Frequency	: 865MHz - 960MHz (global)
Antenna Weight	: 0.700 kg
Antenna Mounting Type	: SMA
Read Range	: With 2 Antenna Up to 3,5 X 3.5m

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RFID Security System