Double Checker

Features

RFID Desktop Reader For Assortments

It is a robust RFID Desktop Reader for reading small quantities of RFID tagged items. Mostly used for assortments, this device gives reliable data to its operator. RFID Tagged Items data is shown on the touch screen. It is a complete plug and play solution. It only requires a power adaptor to operate. It has the capacity to read multiple tags per second. Reading power settings can be adjusted on touch screen.

If you wish to read/encode and kill the RFID tagged items used in different areas, Double Checker is your solution. It is cheap, robust and very reliable.

- Reading tags
- **Killing Tags**
- Barcode scanning
- **7.0 inch HMI Touch Screen**
- EPC encoding from barcode with password protection
- **FCC/ETSI RF Regions can be selectable from the touch screen.**

- RF Power Settings can be adjusted from the touch screen.
- **Internet connection can be done over both with LAN/Wi-Fi**
- Additional Language Options: ("Spanish, Hindi, Chinese, Vietnamese")
- **Can store all the events/actions from the Takipsan portal.**
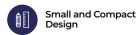- User interface and software ot the device can be updated remotely.

Plug and Play

Wi-Fi / Ethernet

RFID High Reading Performance

HMI Display Screen

Very Easy to Use

Small and Compact Design

Machine Specifications

Body Size	:	Length: 26.5 cm / Width: 37 cm / Height: 10 cm
Size of Passing Packages	:	Length: 24 cm / Width: 23 cm / Height: 25 cm
Weight	:	3.85 kg.
Housing Material	:	Sheet Metal
Operating Temparature	:	+10°C to +30°C
Moisture	:	5% to 65 %
Power Input	:	5v
Max. Reading for a Box	:	10 item/sec.

RFID Reader Features

RFID Protocol	:	GS1/EP Cglobal UHF Gen 2 (ISO18000-63)
Operating Frequency	:	865 - 928 Mhz (or customized)
Output	:	8 to 17 dBm
Receive Sensitivity	:	-78 dBm
Min. Return Loss	:	10 dB
API	:	LLRP, C, C++, Java, C# Libraries
Network	:	DHCP, Static
GPIO	:	4 In - 4 Out
Intensive Reading Mode	:	Added
Hidden Area Reading	:	TID, USER, Reserved
Regulatory and Compliance	:	Certified: FCC, Canada and ETSI modular operation
		• Environmental EN 50581:2012
		• Electrical Safety IEC 62368-1 (ed.2) EN 62368-1:2014/AC:2015
		• EMI/RFI EN 55032:2012/AC:2013 (Class B) EN 55032:2015/AC:2016 (Class B) EN 55024:2010 EN 55024:2010/A1:2015 EN 55035:2017 47 CFR Part 15, Subpart B, Class B
		• RoHS compliant

RFID Antenna Specifications

Antenna	:	Linear
Antenna Gain	:	Near Field
Antenna Size	:	12 cm x 13 cm x 1 cm
Antenna Frequency	:	865 Mhz - 928 Mhz (or customized)
Antenna Weight	:	0.300 kg
Antenna Feed type	:	SMA