DESK STATION 2

The Desk Station is superior to all competitors with its outstanding reading performance and ease of integration. Highly engineered RF caustic structure provides 99% reading with RFID performance reading methods. The touch-sensitive or keyed structure allows the product to be activated, passive or read.

The screen or light system on the device gives the warning of the operation and also the information about the operation state can be obtained with the audible signal. With the USB connections, it is possible to receive software commands via com, it can operate as a HID. With the integrated Bluetooth and / or Wi-fi modules, it is possible to integrate easily with desired applications. With API support and example codes, you can produce fast solutions on your systems.

Device Technical Properties

Body Size	:	Length: 36cm Width: 26cm Height: 3cm
Reading Area Size	:	Length: 50cm Width: 50cm Height: 40cm
Weight	:	3.6kg / ±0.3kg
Body Material	:	Aluminium or Cast
Operating Temperature	:	+10 °C to +30 °C
Moisture	:	5% to 65%
Power Input	:	12v
Max. Number of Items Read	:	Up to 15 item/sec.

RFID Reader Properties

RFID Protocol	:	GS1/EPCglobal UHF Gen2 (ISO 18000-6C)
Operating Frequency	:	865.6MHz - 867.6MHz (can be customized)
Output Power	:	+10.0 to +31.5 dBm
Max. Reception Sensibility	:	-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	:	4/2 Port
Intensive Reading Method	:	Yes
Special Area Reading	:	TID, User, Reserved

RFID Desk Antenna Properties

Antenna Type	:	Circular
Antenna Gain	:	Near Field
Antenna Size	:	12cm x 13cm x 1cm
Antenna Frequency	:	865MHz - 867MHz (can be customized)
Antenna Weight	:	0.300 kg
Antenna Feed Type	:	SMA