

BOX STATION 1

Box Station 1 features a large RFID reading area, allowing it to easily read even oversized cartons.

With its outstanding reading performance and seamless integration, Box Station 1 outperforms competing solutions. Its advanced RF architecture delivers over 99% reading accuracy through high-performance RFID technology.

Built with a premium aluminum enclosure, Box Station 1 provides exceptional durability and maximum protection against impacts during carton reading operations.

The built-in USB and Ethernet interfaces enable quick and easy connection to computers.

Its lightweight construction allows the device to be easily transported to any operational area.

The specially designed desktop RFID reader instantly identifies all items placed on its reading surface.

Box Station 1 integrates seamlessly with computers via USB and also supports wireless communication with tablets and other mobile devices through Bluetooth. This flexible architecture enables fast deployment across different operational environments.

Device Specifications

Main Body Dimensions	650 mm x 450 mm x 140 mm
Reading Area	600 mm x 400 mm
Weight	Approx. 8 kg
Housing Material	Alüminyum
Operating Temperature	-20 ile +65 °C
Operating Humidity	5-85% RH (Non-condensing)
Power Input	12V DC

RFID Reader Specifications

RFID Protocol	GS1/EPCglobal UHF Gen2 (ISO 18000-6C)
Operating Frequency	865-868 MHZ
Maximum Output Power	≤2 W E.R.P.
RF Output Power	0 to +30 dBm (Adjustable)
Receiver Sensitivity	-84 dBm
API Support	LLRP, C, C++, Java, C# Libraries
Network	DHCP, Statik IP
Reading Speed	Up to 1000 Tags/Second
Dense Reader Mode	Supported
RFID Chip	Impinj E710
Hidden Memory Reading	TID, USER, Reserved

RFID Antenna Specifications

Antenna Type	Linear Polarization
Number of Antennas	4
Antenna Gain	5 dBi
Antenna Dimensions	12 cm x 13 cm x 1.6 mm
Frequency Range	865-868 MHZ
Antenna Weight	0.2 kg
Connector Type	SMA Female



KEY FEATURES



Wi-Fi



USB



Ethernet



Bluetooth



High RFID Reading Performance



Multi-Location Deployment



Plug & Play



Easy to Use



Compact Design