

BOX STATION 2

Box Station 2 features a large RFID reading surface, allowing it to easily read even oversized cartons with outstanding accuracy.

With its superior reading performance and seamless integration capabilities, Box Station 2 stands out from competing solutions. Its advanced RF architecture, developed through high-level engineering, delivers over 99% reading accuracy.

Built with a premium aluminum chassis, Box Station 2 is designed to withstand intensive industrial operations while providing maximum protection against impacts that may occur during carton verification processes.

Thanks to its integrated Mini PC, the system operates independently without requiring an external computer. All operations can be managed directly on the device.

The built-in touchscreen display enables operators to monitor reading results, product quantities, and system information in real time. Its intuitive interface helps accelerate operational workflows.

With its HDMI output, the device can be connected to external monitors, allowing reading results to be displayed on larger screens.

USB, Ethernet, and Bluetooth connectivity enable seamless integration with computers, tablets, and other mobile devices. Bluetooth support also provides wireless operation for increased operational flexibility.

Featuring a true plug-and-play design, Box Station 2 offers fast installation and serves as a reliable, high-performance RFID solution for warehouses, logistics centers, retail stores, and shipping operations.

Device Specifications

Main Body Dimensions	650 mm x 450 mm x 140 mm
Reading Area	600 mm x 400 mm
Weight	Approx. 20 kg
Housing Material	Aluminum
Operating Temperature	-20 ile +65 °C
Operating Humidity	5%-85% RH (Non-condensing)
Power Input	12V DC
Display	14.6" Touchscreen

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
RFID Reading Speed	Up to 1,000 Tags/Second
Dense Reader Mode	Supported
Hidden Memory Reading	TID, USER, Reserved
RFID Chip	Impinj E710

Computer Specifications

Display	Lineer Polarize
Processor	i5 8250U Generation
Memory	16 GB Ram + 256 GB SSD
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6

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 Dişi (SMA Female)



KEY FEATURES



Wi-Fi



USB



Ethernet



Bluetooth



High RFID Reading Performance



HDMI



Plug & Play



Multi-Location Deployment



Compact Design



Built-in Mini PC



Touchscreen Display



User-Friendly Operation

