TUNNEL STATION

Tunnel Station outclass its competitors with outstanding reading performance and ease to integrate.

RF kaustik structure prepared by advanced engineering provides above 99% reading with RFID performance reading methods.

Tunnel Station has a high-quality aluminum and specially designed belt structure to provide a durable body for the transition of your loads.

The belt structure with engine brake system makes a sudden stop in an emergency.

With the speed control system, it is possible to synchronize the products coming from a different band passing to the conveyor belt.

The conveyor has a forward and bac ward dual motor system which allows easy integration to the different applic tions.

The touch screen structure provides additional feature besides usage of keyboard-mouse.

The light tower on the machine, the blue interior light at the process of reading and the lights showing the band direction give information about the status of the Tunnel Station.

The 180-degree rotation of the screen is important for the management of the machine in two directions.

The on-screen USB ports, network cable input, Bluetooth, wireless and integrated camera will speed up many processes.

EPC numbers which is read by special software are easily integrate to your system.

The upper body could be separated and integrated to your current belt.

Machine Specifications

Body Size	: Length: 330cm Width: 90cm Height: 190cm
Package Migration Measures	: Length: 120cm Width: 65cm Height: 62cm
Weight	: 200kg / ±15kg
Housing Material	: Aluminum
Operating Temperature	: +10 °C to +30 °C
Moisture	: 5% to 65%
Engine Power	: 0.55kW / 1360rpm
Power Input	: 230v - 400v
Band Speed	: Slow : 0,03m/sn Fast: 0,43m/sn (can be customized)
Band Material	: Rubber
Reading Title Max. in Parcels	: Up to 500
Optional	: Conveyor, Sorter

Computer Specifications

Processor	: Intel 2 GHz
RAM Capacity	: 4 GB-DDR3
Screen Size	: 15.6 inch
Display Modes	: 10-Point Touch
Disk Capacity	: 500 GB
Connectivity Features	: Com Port, Wireless, LAN, USB 2.0 and 3.0, Ethernet
OS	: Windows 8.1, Linux

RFID Reader Features

RFID Protocol	: GS1/EPCglobal UHF Gen2 (ISO 18000-6C)
Operating Frequency	: 865.6MHz - 867.6MHz (can be customized)
Output	: +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 Introduction- 4 Output
RF Output Port	: 4/2 Port
Intensive Reading Mode	: Yes
Private Area Reading	: TID, User, Reserved

RFID Antenna Specifications

Antenna Type	: Circular
Antenna Gain	: 5 dBi
Antenna Measurements	: 38cm x 38cm x 1cm
Antenna Frequency	: 865MHz - 867MHz (can be customized)
Antenna Weight	: 1.116kg
Antenna Input	: SMA

Video QR