

CONNECTED DOCKS



The FREESCAN 220B integrated into a metal protection frame is an automated pallet barcode reading and photo-taking system. It is installed on C1 forklift trucks and can be coupled with the Wi-Locate geolocation solution to make the loading and unloading process more reliable for our logistics customers while improving working conditions for forklift operators.

The Wi-Locate solution consists of UWB antennas installed on the docks and a receiver box installed on your forklift and connected via Bluetooth or USB to your on-board computer.

Once the pallet has been scanned with a FREESCAN or manually with a PDA, the receiver box will pick up the signals sent by the antennas and send the corresponding dock number to your WMS as soon as the pallet crosses the dock.

The Wi-Find software is used to collect and analyse all the data. You can then download a photo of the scanned pallet and prove that it has been loaded at that dock.

Strengths

- Compact and robust
- 1D/2D reading
- Surface area 100x180cm
- 20Mpxl image
- Led lighting
- Can be integrated on C1 forklifts
- Compatible with all WMS
- Multi-process / Multi-code
- UWB geolocation
- Wi-Find software

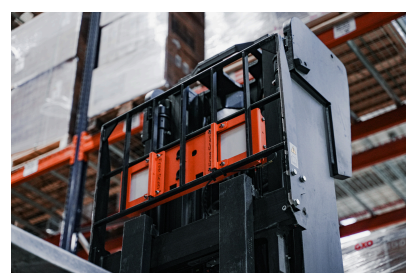
Technical features

Dimensions	760 x 720 x 35 mm
Weight	40 Kg
Power supply	18-75 V DC, 6 A max @ 24 V DC (144 W max)
Case material	Steel 3mm
Connections	M12 female 4 conductors
Communication protocol	IEEE 802.11 b/g/n/ac, Bluetooth 5.0 BLE, ZigBee, UWB IEEE802.15.4
Indicators	Led, Buzzer
Cell	Lidar high performance
Lighting	4 led panels of 2700 Lm
Operating temperature	from 0° C to 45°C
Image sensor	21 MP : CMOS 1/2,4 pouce 5344 x 4016 pixels
Sensor field of view	Code 128 - 20 mil : 100 x 140 cm
1D symbologies	Code 128, Code 39, I 2of5, UPC/EAN, Code 93
2D symbologies	Aztec, Datamatrix, QR Code, PDF417
EU conformity	RED 14/53/EU, EN 62368-1, EN 55032, ETSI 301 489-1
Accessories	Receiver box, metal protection frame
Warranty	Wicare 3 years or 5 years

Find out more
about our range



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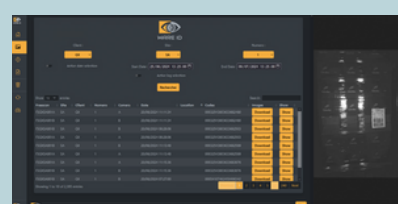


220A



420B

FREESCAN - Go beyond the limits. Make a difference.
For more information, visit **www.ware-id.com**



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The UWB in a few words

UWB stands for 'Ultra Wide Band'. It is a radio transmission standard used not only for data transmission, but also for tracking and access control.

UWB differs from standards such as WiFi and Bluetooth in that it occupies a very wide frequency band of 500 MHz, in a spectrum ranging from 3.1 GHz to 10.6 GHz, and has been designed to undergo (and cause) less interference with other wireless communication standards.

01

Ultra-accurate

Centimeter accuracy



02

Ultra-reliable

High immunity to multipath and interference



03

Real time

Low latency – 50 times faster than GPS



04

Affordable

Low power, low cost, low processing



05

Secure

Distance bounding protocol – IEEE 802.15.4z compliant



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