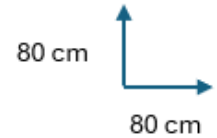
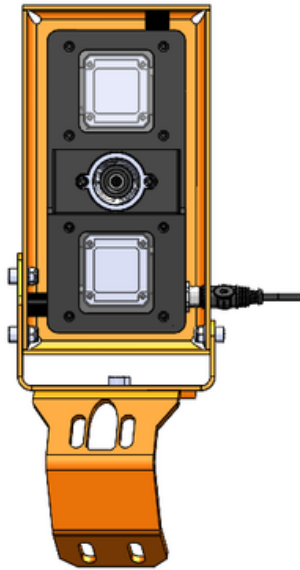


FREESCAN 120C



The FREESCAN 120C is an automated barcode reading system designed for rack location identification. It is integrated into C5 and C3 forklift trucks to make the traceability process more reliable for our logistics customers while improving working conditions for forklift operators.

It can read 2D rack barcodes over an area of 80 cm wide by 80 cm high. This enables accurate location identification during warehouse operations.

It interfaces with all FREESCAN systems in the WARE ID range, thanks to its ZigBee communication with the receiver box that connects to your on-board IT equipment.

The on-board software enables us to configure your process to send the right data to the WMS. It is then easy to carry out your receiving, replenishment, homogeneous pallet preparation, or transfer operations.

This solution saves time and improves ergonomics. No more repetitive movements with handheld scanners, no more musculoskeletal disorders or workplace accidents.

Strengths

- Compact and robust
- 2D reading
- 20 MP image
- 60W LED lighting
- Can be integrated on C5 and C3 forklifts
- Compatible with FS 220 X/I
- ZigBee communication
- 12–36 Vdc power supply

Technical Features

Dimensions	225 x 122 x 80 mm
Weight	3 Kg
Power supply	18-75 V DC, 2,5A max @ 24 V DC (60W max)
Case material	ABS / 3 mm steel
Connections	M12 female, 4 conductors
Communication protocol	ZigBee
Indicators	Led, Buzzer
Cell	High-performance LiDAR (via FREESCAN X/I systems)
Lighting	60W LED
Operating temperature	From 0°C to 45°C
Image sensor	21 MP: 1/2.4-inch CMOS sensor, 5344 x 4016 pixels
Sensor field of view	Code 128 - 20 mil : 80 x 80 cm
Symbologies 1D	Code 128, Code 39, I 2of5, UPC/EAN, Code 93
Symbologies 2D	Aztec, Datamatrix, QR Code, PDF417
EU conformity	RED 14/53/EU, EN 62368-1, EN 55032, ETSI 301 489-1
Accessories	USB receiver box, E-beacon, UWB, mounting support
Warranty	Wicare 3 years or 5 years

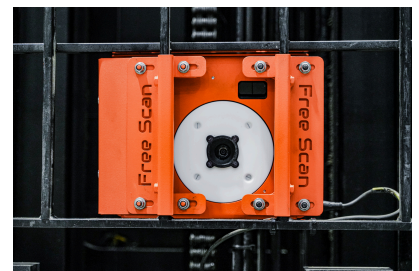
Find out more about
our FREESCAN range



220X

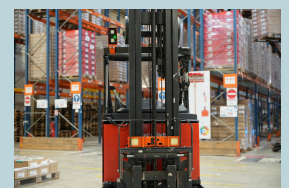
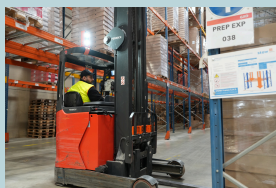


420B



120 I

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



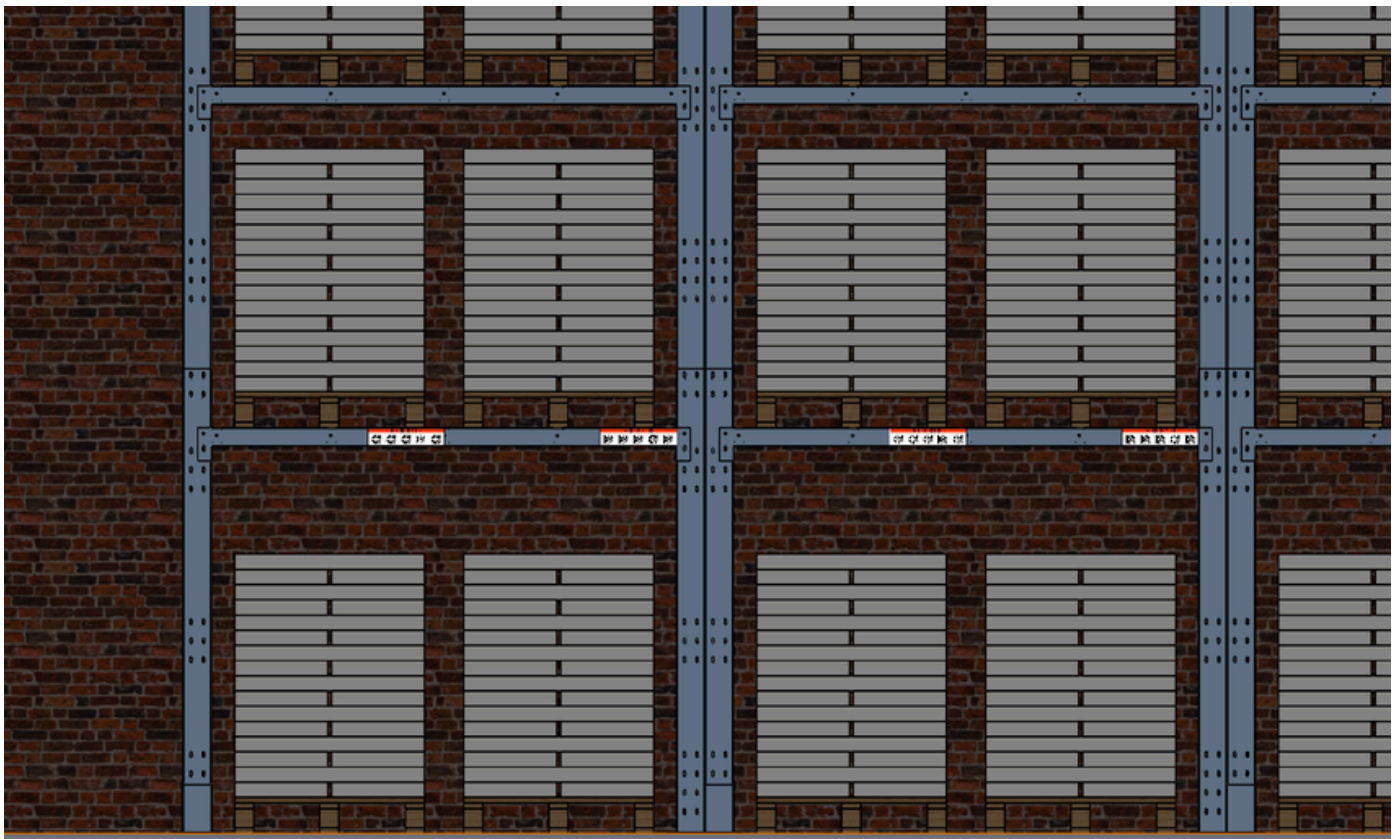
Agence Caen
40, rue de la République
14540 Castine en plaine
contact@ware-id.com

Agence Osny
9, Chaussée Jules César
95520 OSNY
contact@ware-id.com

Column labeling requirements



5 identical QR codes with a minimum module resolution of 2.5 mm on a label measuring 400 x 90 mm.



The labels must be placed at the bottom of the rack and on the right side of the pallet location.
This ensures optimal readability and system performance.