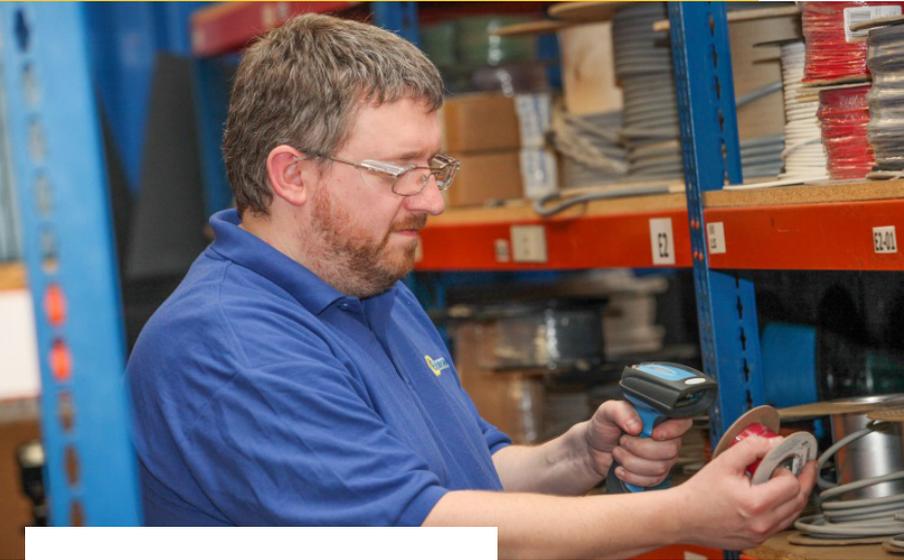


TECHNICAL DATASHEET



iSCAN 212



Handheld Bluetooth barcode scanner for Zone 2 and 22 hazardous areas

Use alongside a base station, smartphone, or tablet with wireless Bluetooth link

Variants to read all standard 1D, 2D, and stacked PDF barcodes

ATEX and IECEx Zone 2 and 22 certified

RS232/RS422 or USB interface options

IP65 fully rugged

Lightweight and easy to handle with ergonomic grip

Visual, audio, and vibration feedback for user

High speed scanning, up to 60 scans per second

Wide scan line and long reading distance for easy use

Works effectively in bright sunlight, up to 100,000 lux

Variety of accessories available

www.extronics.com | info@extronics.com | +44 (0) 845 277 5000

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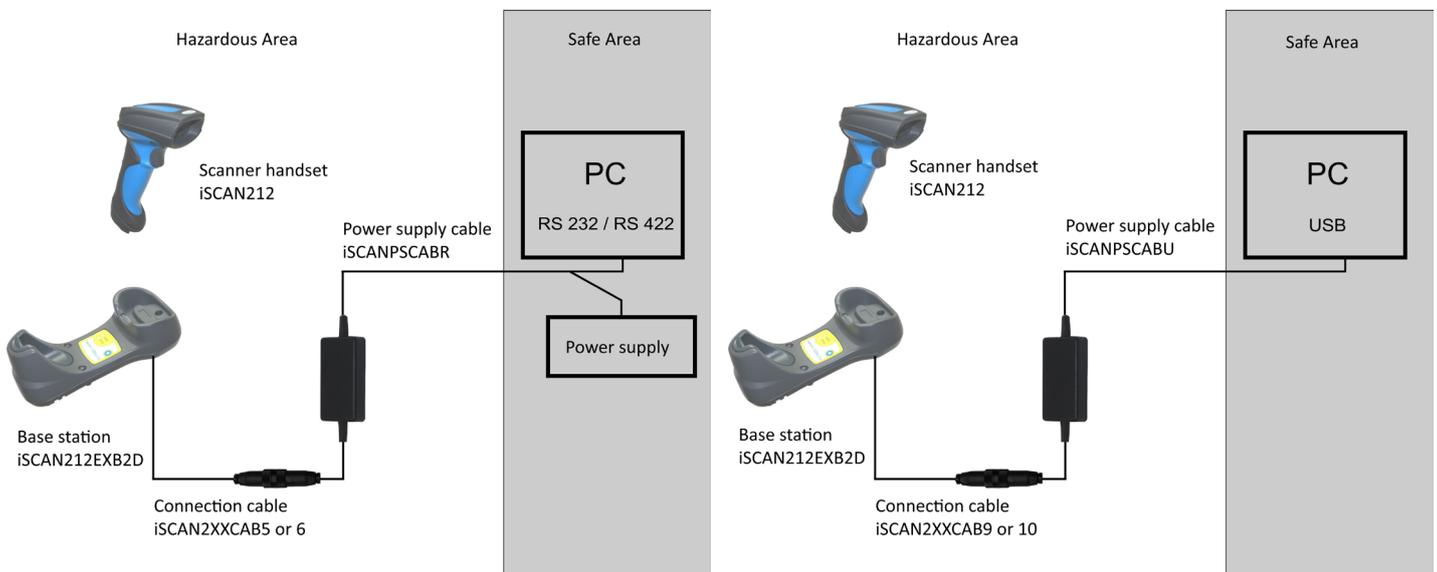
Extronics Released

1D barcode types	Code 39, Code 39 Trioptic, Code 32, Code 93, Code 11, Codabar, Code 128, GS1-128 / EAN 128, UPC / EAN / JAN (with addition), MSI/Plessey, UK/Plessey, IATA, Interleaved 2 of 5, Standard and Industrial 2 of 5, Matrix 2 of 5, Telepen, GS1 DataBar, Australian Post, China Post, German Post, US Planet, US Postnet, British Post, Intelligent Mail, Japan Post, Korean Post, Dutch KIX Post
Stacked PDF barcode types	PDF417, MicroPDF417, Code 49, Code 16K, Composite, Codablock F
2D barcode types	Data Matrix, QR Code, MicroQR-Code, Aztec, MaxiCode

SYSTEM ASSEMBLY

Hazardous area charging:

These assemblies require a base station (iSCAN212EXB2D), a power supply cable / module (iSCANPSCABx) and a connection cable between the two (iSCAN2XXCAB5, 6, 9, or 10).

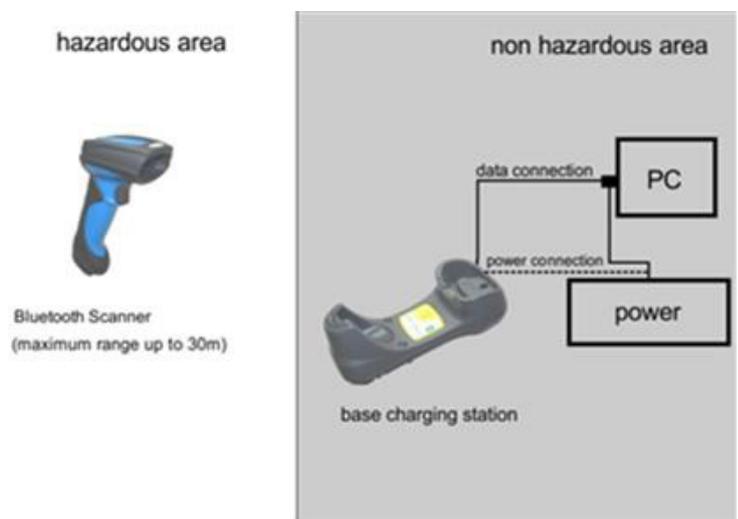


Safe area charging:

This assembly requires a non-Ex base or charging station (iSCAN212B2D or iSCAN212BNOBT2D).

If connecting the base or charging station to a PC via USB, the USB cable (iSCAN2XXCAB3 or 4) can provide both data and power connections in one cable.

If connecting the base or charging station to a PC via RS232 (iSCAN2XXCAB1 or 2), this can only support data. The base or charging station will require an additional power connection (iSCAN2XXBLP).



SPECIFICATION



Certification	II 3G Ex ic IIB T4 Gc II 3D Ex ic IIIC T135°C Dc
Dimensions	H185 x L104 x W76 mm
Weight	260g (handset including battery)
Ingress protection	IP65
Ambient operating temperature	-20°C to +50°C
Humidity	± 95 %, non condensing
Ambient light resistance	100,000 lux
Bluetooth	V4.0, 2.402 ... 2.4830 GHz Wireless operating range up to 100 m (line of sight), batch function to expand wireless radius, up to seven scanners communicate with one base station
Scanning frequency	iSCAN212 and iSCAN212PDF: 500 Hz iSCAN2122D: 60 Hz
Light source	Visible red light 630 nm
Reading distance	iSCAN212 and iSCAN212PDF: 20 to 850 mm iSCAN2122D: 30 to 400 mm
User feedback signals	2 LEDs (operation status and read feedback) Audio beeper Vibration
Base station interface	RS232/RS422 or USB
Battery	Lithium ion battery, 3.6V, ≤ 2600mAh
Operating voltage	5V, supplied to base or charging station via iSCANPSCABR or iSCANPSCABU
Required accessories	<p>+compatible base or charging station (if connecting the Bluetooth scanner to an alternative Bluetooth device e.g. tablet, a base station may not be required. However, a charging station is still necessary. A base station also acts as a charging station)</p> <p>+ compatible cable to connect base station to power supply (iSCAN2XXCABX)</p> <p>+ compatible power supply cable / module (iSCANPSCABR or iSCANPSCABU if using the base station in the hazardous area or iSCAN2xxBLP if using a base or charging station in the safe area)</p> <p><i>For details of options, please see Ordering Information</i></p>



ORDERING INFORMATION



Handsets

ISCAN212

iSCAN212 handheld Bluetooth scanner, handset and battery only, reads 1D barcodes, Zone 2/22 certified

ISCAN212PDF

iSCAN212 handheld Bluetooth scanner, handset and battery only, reads 1D and stacked PDF barcodes, Zone 2/22 certified

ISCAN2122D

iSCAN212 handheld Bluetooth scanner, handset and battery only, reads 1D, stacked PDF, and 2D barcodes, Zone 2/22 certified

HAZARDOUS AREA CHARGING:

Base station

ISCAN212EXB2D

iSCAN212 base station, without cable, Zone 2/22 certified (for all scanner types)

Cable to connect base station to power supply

ISCAN2XXCAB5

Base station connection cable, RS232, 1.8 m, Zone 1/21 and 2/22

ISCAN2XXCAB6

Base station connection cable, RS232, spiral, 3.8 m, Zone 1/21 and 2/22

ISCAN2XXCAB9

Base station connection cable, USB 1.8 m, Zone 1/21 and 2/22

ISCAN2XXCAB10

Base station connection cable, USB, spiral, 3.8 m, Zone 1/21 and 2/22

Power supply cable/module

ISCANPSCABR

Power supply cable/module, 3 m, DC 24V (8-30V), RS232, Zone 2/22

ISCANPSCABU

Power supply cable/module, 3 m, DC 5V, USB, Zone 2/22 (supply from PC)

SAFE AREA CHARGING:

Base or charging station

ISCAN212B2D

iSCAN212 base station, without cable, non-Ex

ISCAN212BNOBT2D

iSCAN212 charging station, without Bluetooth, without cable, non-Ex

Cable to connect base or charging station and PC

ISCAN2XXCAB1

Base station connection cable, RS232, 1.8 m

ISCAN2XXCAB2

Base station connection cable, RS232, spiral, 3.8 m

ISCAN2XXCAB3

Base station connection cable, USB 1.8 m

ISCAN2XXCAB4

Base station connection cable, USB, spiral, 3.8 m

Power supply for base or charging station (if RS232)

ISCAN2XXBLP

Power supply for base or charging station, DC 5V, non-Ex

OPTIONAL ACCESSORIES:

Battery

ISCAN2X2BATT

Spare lithium ion battery for iSCAN212, Zone 2/22

Stands

ISCANSTRI

Tripod stand for all iSCAN1xx and iSCAN2xx variants

ISCANSTAB

Tabletop stand for all iSCAN1xx and iSCAN2xx variants

Extension cables (RS232 only)

ISCANCC1

Extension cable with male connector, 6 m, Zone 1

ISCANCC2

Extension cable with male connector, spiral, 4.5 m, Zone 1

Please note that these extension cables may only be used with iSCAN2XXCAB1, 2, 5, or 6 options (RS232).