

iSCAN200 Intrinsically Safe Cordless Barcode Laser Scanner



Handheld laser scanner for hazardous areas

ATEX II 2G EEx ia IIC T4

-30°C to +50°C

Scanner IP65. Receiver IP66

Overview

The iSCAN200 is a modern cordless scanner designed for use in hazardous areas. The systems consist of a battery powered hand held laser scanner, base station and safe area charger for the scanner. Available in standard or long range versions for scanning up to 1.8 metres.

The iSCAN200 is very robust with rubber sheaths over both ends to protect against impact, making this unit suitable for use in a wide range of applications.

Features and Benefits

Connections

An IP66 certified base station can be connected to a PC or Control system using either PS2, RS232 or RS485 connections.

Multiple Units

Up to 6 scanners may be connected to the same base station for applications requiring more than one scanner per area. It is also possible to set different frequencies so that several base stations can be installed in the same area without interfering with each other.

Specification

Certification Number	Scanner:- TUV 04 ATEX 2640 Base Station:- TUV 04 ATEX 2641
Certification Type	Scanner:- Ex II 2G EEx ia IIC T4. Base Station:- Ex II 2G EEx em [ia] IIC T4 And ; Ex II 2D T95/70/60°C IP66
Dimensions	Scanner:- 192x56x49mm. Base Station:- 220x120x92mm
IP Rating	Scanner IP65. Base Station IP66
Ambient Operating Temperature	-30°C to +50°C
Weight	Scanner:- 170g. Base Station:- 2.500g
Material	Scanner:- Polycarbonate. Receiver:- GFK-Polyester
Power Supply	Scanner:- NiMh Battery. Base Station:- 115/230/250 VAC, 24VDC max.35 mA
Interface	PS2, RS232 & RS485
Barcode Compatibility	Auto discriminates all standard bar codes. For other Symbolologies please call Extronics.
Scanning System	Visible Laser Diode (VLD Standard Range: 670nm Long Range: 650nm)
Scanning Range	Up to 1.01m (barcode dependant)



Multiway Stainless Steel Charging Station

Ordering Information

Barcode Scanner System (c/w: Ex Scanner, Ex RS232 or RS485 Base Station, Non Ex charging cradle)

Intrinsically Safe Cordless Barcode Scanner System 230VAC	iSCAN200S230VAC
Intrinsically Safe Cordless Barcode Scanner System 115VAC	iSCAN200S115VAC
Intrinsically Safe Cordless Barcode Scanner System 24VDC	iSCAN200S24VDC

Barcode Scanner

Intrinsically Safe Cordless Barcode Scanner	iSCAN200
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Base Station Options

Intrinsically Safe Cordless Barcode Scanner Base Station 230VAC	iSCAN200B230VAC
Intrinsically Safe Cordless Barcode Scanner Base Station 115VAC	iSCAN200B115VAC
Intrinsically Safe Cordless Barcode Scanner Base Station 24VDC	iSCAN200B24VDC

Non Ex Charging Stations

Non Ex Charging station for iSCAN200 230VAC	iSCAN200CVAC
Optional Multiway 3 Position charging rack available	iSCAN200CS
Additional Bays for the iSCAN200CS. Each additional bay accommodates 1 scanner	iSCAN200CSA