

SD9030 DONGLE



COMMUNICATION BETWEEN A MOBILE HAND HELD SCANNER AND A PC

Datalogic has created the SD9030 dongle for Datalogic's STAR Cordless Systems. The compact sized receiver allows communication between a PowerScan™ PM9X00 with any host equipped with a USB port.

When paired with a PM9XXX reader, the SD9030 dongle acts as a base station by providing USB communication to the host and implementing all the features of the Datalogic's proprietary STAR 2.0 radio system. This allows bidirectional communication and provides the ability to link more scanners to the same dongle. With its universal bracket and reduced dimensions, it can be easily installed on any kind of support system. The SD9030 dongle is the ideal product for all applications with limited space to install a cradle.

CONNECT YOUR VEHICLE MOUNT COMPUTER USING THE SD9030 DONGLE

The typical application of the SD9030 dongle is in combination with a Vehicle Mount Computer for logistics and intralogistics applications where the dongle is installed on a forklift.

The SD9030 dongle is available in both frequencies of the STAR 2.0 Radio System (433 and 910 MHz). A USB extension cable is also available as an accessory whenever a longer distance is required from the host.

SOFTWARE SUPPORT

The SD9030 dongle is supported by Datalogic's Aladdin™ software for the configuration of the dongle and of the linked devices.

FEATURES

- Reduced dimensions and universal bracket for easy installation
- Top industrial grade with a sealing rating of IP65
- Datalogic's STAR Cordless System™ 2.0 Proprietary Narrow Band Radio
- Compatible with all PowerScan PM9XXX products
- RGB LED and 'Find Me' button
- Datalogic Aladdin Configuration Software

INDUSTRY - APPLICATION

- Warehouse and Distribution:
 - Shipping/Receiving
 - Picking
 - Put Away
 - Replenishment
 - Cross Docking
- Manufacturing Shop Floor:
 - Process Control
 - Quality Control
- Manufacturing Traceability:
 - Work in Progress



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TECHNICAL SPECIFICATIONS

CORDLESS COMMUNICATIONS

Datalogic STAR Cordless System™	Effective Radiated Power: 433 MHz: <10 mW; 910 MHz: <50 mW Point-to-Point Configuration; Multi-Point Configuration: Max. Readers per Radio Receiver: 16
Radio Frequency	433 MHz; 910 MHz
Radio Range (Open Air)	433 MHz: 100 m / 328 ft low speed; 50 m / 164 ft high speed 910 MHz: 200 m / 656 ft low speed; 100 m / 328 ft high speed Two Way Communications
Programmable Speed	433 MHz: 19.2 kb/s; 115.2 kb/s; 500 kb/s (default) 910 MHz: 36.8 kb/s; 500 kb/s (default)

ELECTRICAL

Supply Voltage	Host Power: 5 VDC +/- 10%
Power Consumption	Host Power: Max. 210 mA
Indicators	Host Power/Data yellow/green LED

ENVIRONMENTAL

ESD Air Discharge	20kV
Humidity (Non-Condensing)	90%
Particulate and Water Sealing	IP65
Temperature	Operating: -20 to 60 °C / -4 to 140 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

MODELS AVAILABLE

Part Number/Description	SD9030-433-A: 433 MHz Industrial Dongle SD9030-910-A: 910 MHz Industrial Dongle
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INTERFACES

Interfaces	USB; OEM USB; USB COM; USB HID Keyboard
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SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use.
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS

UTILITIES

Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations

WARRANTY

Warranty	3-Year Factory Warranty
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ACCESSORIES

Cable



90A052326
USB cable extension