

# QuickScan® Mobile

Cordless Handheld Linear Imaging Bar Code Reader



## General Description

Datalogic Scanning's QuickScan Mobile handheld reader is perfect for use at the point-of-sale and this multi-purpose device can also double for inventory, price checking and shelf replenishment activities. The product provides an outstanding return on investment for users seeking a cordless handheld device for general purpose retail and commercial data collection applications.

The QuickScan Mobile reader features Datalogic's cordless STAR-System™, the market's most secure and reliable system for 433/910 MHz narrow band communications. Datalogic's STAR™ radio system is fast, easy to use and guaranteed Wi-Fi interference free. The QuickScan Mobile reader's 12 m / 40 ft radio range capability provides a wide working area eliminating the restraints of cabled devices, making the workplace safer and more efficient.

Solid-state electronics ensure superior reliability and durability versus laser devices and provides for fast and snappy reading performance. Standard multi-interface capability provides host connectivity via USB, RS-232, Keyboard Wedge and Wand emulation. Convenient Plug & Scan kits provide for easy installation and the Scan-While-Charging feature combined with a long lasting user replaceable lithium-Ion battery allows for hands-free reading while simultaneously charging the battery. The Datalogic patented Batch Mode capability allows for the collection of data when out-of-range from the base station.

All of these features combine to provide outstanding bar code reading performance and unmatched reliability. Featuring a 3-year warranty, the QuickScan Mobile reader is the ideal solution for retail and commercial environments where cordless scanning is the key to optimum productivity, lower cost of ownership and a more profitable business.

## Features

- > Datalogic STAR Cordless System™ : Superior 12 m / 40 ft radio range for point-to-point connectivity
- > Excellent reading performance provides outstanding first pass read rates
- > Multi-interface: USB, RS-232, Keyboard Wedge and Wand emulation
- > Solid state design provides a reliable product and durability
- > Long lasting Lithium-Ion battery
- > Scan-While-Charging capability
- > Latch mechanism secures reader in cradle providing for stable mobility
- > Batch mode capability
- > GS1 DataBar™ (RSS) decoding capability

## Applications

- > POS Check-out
- > In-store Operations
- > Office Automation

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## Specifications

### ELECTRICAL

#### READER:

BATTERY TYPE	1 Lithium-Ion battery 700 mAh
RECHARGE TIME	Max 6 hours
OPERATING AUTONOMY	Typical 20,000 reads

#### CRADLE:

POWER SUPPLY	5 VDC $\pm$ 5%
POWER CONSUMPTION	Max. 4W (charging)
LED INDICATORS	Battery Charging: Red Charge Completed: Green Power/Data: Yellow

### MECHANICAL

#### READER:

WEIGHT (without batteries)	189 g / 6.06 oz
DIMENSIONS	171 x 90 x 68 mm / 6.72 x 3.54 x 2.80 in

#### CRADLE:

WEIGHT	181 g / 3.68 oz
DIMENSIONS	80 x 130 x 90 mm / 3.15 x 5.11 x 3.54 in

### ENVIRONMENT

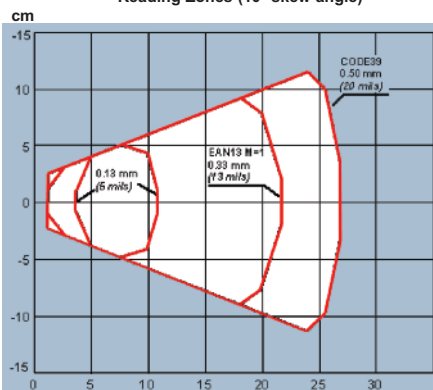
OPERATING TEMP.	0 ° to 40 °C / 32° to 104° F
STORAGE TEMP.	-20 ° to 70 °C / -4° to 158° F
HUMIDITY	0 to 90% non-condensing
DROP RESISTANCE	Withstands drops from 1.5 m / 4.9 ft to a concrete surface
PROTECTION CLASS	IP30

### PERFORMANCE

SENSOR	CCD Solid State (2088 pixels)
LIGHT SOURCE	LED array
WAVELENGTH	630 - 670 nm
LED SAFETY CLASS	Class 1 EN 60825-1
MAX. RESOLUTION	0.10 mm / 4 mils
PCS MINIMUM	20%
BAR CODES READ	2/5 Family, EAN/UPC, Code 128/EAN 128, Code 93, Codabar, TELEPLEN, PLESSEY, Code 49, Code MSI, Code Delta IBM, Code 11, Code 16K, ISBN/ISSN, ISBT 128, Code 39 (plus Code 32, Cij 39), GS1DataBar™ (RSS)
MAX SCAN RATE	235 scans/sec
READING INDICATORS	LED, beeper
<b>RADIO</b>	
RADIO FREQUENCY	433.92 MHz / 910 MHz
BIT RATE	19,200 baud (433.92 MHz) 36,800 baud (910 MHz)
EFFECTIVE RADIATED POWER	< 10 Mw (433.92 MHz) < 1 Mw (910 MHz)
RANGE (in open air)	Up to 12 m / 40 ft
Restriction of Hazardous Substances:	Complies to EU RoHS

## Reading Diagram

Reading diagram at 25 °C and 300 lux ambient lighting  
Reading Zones (10° skew angle)



Standard reading area (10° skew angle)



QuickScan Mobile Reader and Cradle

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