

Specifications

CORDLESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY

Protocol: Bluetooth 2.0 Certified Class 2
Radio Frequency: 2.4 GHz
Radio Range (Open Air): 30.0 m / 98.4 ft

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes

POSTAL CODES

China Post

STACKED CODES

GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

ELECTRICAL

BATTERY

Battery Type: Lithium-Ion, 2100 mAh
Charge Time: 4 Hours
Reads per Charge: 33,000

CRADLE INDICATOR LEDS

Battery Charging (Red); Charge Completed (Green); Power/Data (Yellow)

CURRENT

Charging (Typical): < 8 W; Operating (Typical): < 2.5 W @ 5 VDC; Standby/Idle (Typical): < 2.5 mA @ 5 VDC

INPUT VOLTAGE

4.5 - 14.0 VDC

ENVIRONMENTAL

AMBIENT LIGHT

0 - 100,000 lux

DROP RESISTANCE

Withstands repeated drops from 1.8 m / 5.9 ft onto a concrete surface

ESD PROTECTION (AIR DISCHARGE)

16 kV

HUMIDITY (NON-CONDENSING)

5 - 90%

PARTICULATE AND WATER SEALING

IP52

TEMPERATURE

Operating: 0 to 50 °C / 32 to 122 °F
Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

RS-232 / IBM 46XX / USB Multi-Interface;

RS-232 / USB / Keyboard Wedge / Wand Multi-Interface

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE

Black; White

DIMENSIONS

Cradle: 18.6 x 9.9 x 5.6 cm / 7.25 x 3.9 x 2.2 in

Reader: 18.1 x 7.1 x 10.0 cm / 7.1 x 2.8 x 3.9 in

Cradle: 246 g / 8.68 oz; Reader: 225 g / 7.94 oz

WEIGHT

READING PERFORMANCE

LIGHT SOURCE

Illumination: LED Array 630 - 670 nm

PRINT CONTRAST RATIO (MINIMUM)

15%

READ RATE (MAXIMUM)

325 reads/sec.

READING ANGLE

Pitch: +/- 65°; Roll (Tilt): +/- 35°; Skew (Yaw): +/- 65°

READING INDICATORS

Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED

RESOLUTION (MAXIMUM)

0.076 mm / 3 mils

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle.

Printing resolution, contrast, and ambient light dependent.

5 mils: 6.0 to 18.0 cm / 2.3 to 7.0 in

7.5 mils: 3.5 to 30.0 cm / 1.4 to 11.7 in

10 mils: 2.0 to 45.0 cm / 0.8 to 17.7 in

13 mils: 3.0 to 60.0 cm / 1.2 to 23.4 in

20 mils: 3.0 to 80.0 cm / 1.2 to 31.2 in

SAFETY & REGULATORY

AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its intended use.

The Quick Reference Guide for this product can be referred to for a complete list of certifications.

ENVIRONMENTAL COMPLIANCE

Complies to China RoHS; Complies to EU RoHS

LED CLASSIFICATION

IEC 60825-1 Class 1 LED Product

UTILITIES

DATALOGIC ALADDIN™

Datalogic Aladdin configuration program is available for download at no charge

OPOS / JAVAPOS

OPOS Utilities are available for download at no charge

REMOTE HOST DOWNLOAD

Lowers service costs and improves operations: BC4010

WARRANTY

3-Year Factory Warranty

Accessories



Base Stations/Chargers

- BC4010-BK-BT Base/Charger, POS Multi-Interface, Black
- BC4010-WH-BT Base/Charger, POS Multi-Interface, White
- BC4030-BK-BT Base/Charger, Standard Multi-Interface, Black
- BC4030-WH-BT Base/Charger, Standard Multi-Interface, White
- CHR-GM40 Charging Only Base Station

Batteries/Battery Chargers

- RBP-GM40 Removable Battery Pack



Mounts/Stands

- 11-0360 Multi-Purpose Stand/Mount, Black
- 11-0362 Multi-Purpose Stand/Mount, Grey
- HLD-G040-BK Desk/Wall Holder, G040, Black
- HLD-G040-WH Desk/Wall Holder, G040, White
- STD-AUTO-G040-BK Smart Stand, G040, Black
- STD-AUTO-G040-WH Smart Stand, G040, White
- STD-G040-BK Basic Stand, G040, Dark
- STD-G040-WH Basic Stand, G040, White

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