RIDA™ DBT6400

DATALOGIC

A POCKET-SIZED SCANNER FOR TABLETS AND OTHER MOBILE DEVICES

Datalogic's RIDA™ DBT6400 cordless area imager with *Bluetooth®* wireless technology is the ideal workmate in a pocket-sized form factor to be used in connection with mobile devices, mainly tablets. The RIDA DBT6400 area imager is a small, ergonomic, perfectly hand-fitted wireless device with a modern and elegant design that will complement the trendy look of popular tablet vendors.

The RIDA DBT6400 imager pairs easily with Android™, Apple® iOS and Windows Mobile® devices as well as standard laptops equipped with *Bluetooth* wireless technology.

READING CAPABILITIES OF A TOP PERFORMING 2D HANDHELD IMAGER

This compact area imager is capable of reading 1D and 2D bar codes as well as low contrasted, damaged or poorly printed codes or bar codes with low back lighting from mobile phone screens. Its main features include image capture capability, white illumination and the most efficient aiming system in the market place.

VERSATILE MODELS AVAILABLE FOR RETAIL OR HEALTHCARE

The RIDA DBT6400 area imager is available in 2 different models:

- The **standard version** is suitable for retail applications such as traditional or mobile POS, assisted sales, shelf replenishment, price verification, inventory management and more.
- A **healthcare version** is equipped with disinfectant ready and anti-microbial enclosures which make the RIDA DBT6400 imager ideal for bedside point-of-care applications. The compact size and light weight form factor of this mobile imager offers freedom of movement while scanning, with the added benefit of preventing cross-contamination in the hospital.



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FEATURES

- Outstanding reading performance on 1D/2D printed codes or on mobile phone screens
- Innovative, unique and compact design for a new and modern operator's experience
- *Bluetooth* wireless technology for simple linking with tablets, smartphones, laptops, notebooks, etc.
- Compatible with Android, Apple iOS and Windows Mobile devices
- Vibration for sensitive, polyphonic speaker for audio and Datalogic's patented 'Green Spot' technology for visual good-read feedback
- Highly visible 4-Dot aimer with center cross for targeted scanning with efficient white illumination
- Batch Mode capability: 2,000 linear codes stored in memory
- Disinfectant Ready enclosures treated with anti-microbial additives (ISO22196 compliant)
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Retail: Traditional or Mobile POS, Assisted Sales, Shelf Replenishment, Price Verification, Inventory Management
- Healthcare: Bedside Point-of-Care, Asset Management

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TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

BLUETOOTH WIRELESS TECHNOLOGY	Protocol: *Bluetooth* 4.0 Certified Class 2 Radio Frequency: 2.4 GHz Radio Range (Open Air): 25.0 m / 82.0 ft Range distances are measured using the base station. Range with connection to other *Bluetooth* peripherals may show different results. Security: Data Encryption; Scanner Authentication

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes
2D CODES	Aztec Code, Aztec Mesas, Data Matrix, MaxiCode, QR Code, Micro QR Code, China Han Xin Code
POSTAL CODES	Australian Post, British Post, Canadian Post, China Post, Japanese Post, KIX Post, Korea Post, Planet Code, Postnet, Royal Mail Code (RM4SCC)
STACKED CODES	EAN/JAN Composites, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, MacroPDF, MicroPDF417, PDF417, UPC A/E Composites

ELECTRICAL

BATTERY	Battery Type: Lithium-Ion 700 mAh Charge Time: 2.5 hours when placed in the Base Station or when the Host is powered through the micro USB cable connection Reads per Charge: 3,000+ readings or 5 hours (1 read every 6 seconds)
INPUT VOLTAGE	5 VDC +/- 5%

ENVIRONMENTAL

AMBIENT LIGHT	0 - 100,000 lux
DROP RESISTANCE	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface
ESD PROTECTION (AIR DISCHARGE)	16 kV
HUMIDITY (NON-CONDENSING)	5 - 95%
PARTICULATE AND WATER SEALING	IP50
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	USB COM, USB-OEM, USB Keyboard (with BC6020 only)

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Light Green/White; Black; Black/Silver
DIMENSIONS	11.25 x 4.23 x 2.75 cm / 4.4 x 1.6 x 1.0 in
ENCLOSURE	Healthcare model only: Disinfectant-ready enclosure treated with anti-microbial additives (ISO22196 compliant)
WEIGHT	With batteries: 85.0 g / 3.0 oz

READING PERFORMANCE

IMAGE CAPTURE	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2; JPEG; JPEG, TIFF
IMAGER SENSOR	Wide VGA: 752 x 480 pixels
LIGHT SOURCE	Aiming: 650 nm VLD Illumination: White
MOTION TOLERANCE	25 IPS
PRINT CONTRAST RATIO (MINIMUM)	15%
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): up to 360°; Skew (Yaw): +/- 60°
READING INDICATORS	Vibration; Beepers, Polyphonic; Datalogic 'Green Spot' Good Read Feedback; Product side and upper illumination; Good Read LED
RESOLUTION (MAXIMUM)	4 mil

READING RANGES

TYPICAL DEPTH OF FIELD	5.0 mil : 6.5 to 21.0 cm / 2.6 to 8.2 in 13.0 mil : 5.5 to 39.0 cm / 2.2 to 15.2 in Data Matrix 15.0 mil : 4.0 to 25.0 cm / 1.6 to 9.8 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
LASER CLASSIFICATION	Caution Laser Radiation - Do not stare into beam; IEC 64871 Exempt Class

UTILITIES

DATALOGIC ALADDIN™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS / JAVAPOS	JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations.

WARRANTY

WARRANTY	3-Year Factory Warranty

ACCESSORIES

Base Stations/Chargers



▪ CHR-DBT60-BK
C-6000 Charger only Base, Black



▪ CHR-DBT60-HC
C-6000 Charger only Base, Healthcare



▪ BC6020-BK
BC6020 Base Charger, Black



▪ BC6020-HC
BC6020 Base Charger, Healthcare

Miscellaneous



▪ RBP-DBT6X
RBP-6400 Removable Battery Pack

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