RIDA™ DBT6400

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.

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 - APPLICATION

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

RIDA™ DBT6400

TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATION	
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	
Interface	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 PERFORMANCES	
Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2; JPEG; JPEG, TIFF
Image 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	OPOS and JavaPOS 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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