



VERSATILE COMPUTING

The DH60™ general purpose mobile computer delivers industry leading bar code reading and wireless communications in a durable and ergonomic form factor. Intended for use in retail stores, warehouses, and manufacturing facilities, the DH60 tackles a wide variety of inventory management tasks from simple receiving to the support of material traceability.

A 2D Imager option provides a capture device enabled for a wide range of Linear, Stacked, and 2D codes. When quickness and accuracy are preferred, the Laser option displays best-in-class speed for reading the full range of linear and GS1 DataBar™ codes.

DATALOGIC 'GREEN SPOT' TECHNOLOGY

All DH60 models come coupled with Datalogic's patented 'Green Spot' technology. The visual good-read indicator improves user feedback by projecting a green spot directly on the code just read. This error-proofing technology is perfect for noisy environments like the warehouse and shop floor, or for retail environments it can provide silent scanning, if desired.

FIT FOR YOUR ENTERPRISE

The DH60 utilizes a Laird Wi-Fi 802.11 b/g/n radio with fast roaming and PCI compliant encryption levels. This powerful combination ensures real-time security for inventory transactions.

Datalogic's software tools and strategic software alliances fit the DH60 to the business practice. Datalogic Desktop and Configuration utilities offer full control over the device experience. Wavelink Avalanche enables rapid deployment and central management of the DH60 installation. For facilities with Warehouse Management Systems (WMS) Wavelink's Terminal Emulator is available with all four of the most popular emulation modes.

A full line of mobile computing accessories allow for investment flexibility.



FEATURES

- State-of-the-art platform delivers real-time transactions in high scan volume applications
- A 2D Imager option provides a capture device enabled for a wide range of linear, stacked, and 2D codes while reducing failed reads due to damaged and poor print quality bar codes
- The Laser option displays best-in-class speed reading the full range of linear symbols and GS1 DataBar™ codes
- Datalogic's patented 'Green Spot' technology provides visual good-read feedback to help prevent errors in quiet and noisy environments
- Laird Wi-Fi radio ensure seamless roaming and PCI compliant security levels
- Datalogic ergonomics reduce operator fatigue
- Simple keyboard with 10 function keys improves terminal emulation proficiency
- Full shift battery reduces down-time to keep operators working

INDUSTRY-APPLICATIONS

- Retail:
 - Receiving
 - Inventory
 - Shelf Replenishment
 - Price Management
 - Order Entry
- Manufacturing:
 - Receiving and Shipping
 - Put Away
 - Staging
 - Cycle Count
 - Inventory
 - Shelf replenishment
- Logistics:
 - Receiving and Shipping
 - Picking
 - Put Away
 - Staging
 - Cycle Count
 - Inventory

TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

DIMENSIONS	Handheld: 185 x 73 x 38 mm; 58 x 30 mm at keyboard With Handle: 185 x 73 x 190 mm
WEIGHT	Handheld: 340 g / 12.0 oz With Handle: 438 g / 15.5 oz
DISPLAY	Transflective TFT daylight readable color display, 240 x 320 pixels, 3.2 inch diagonal, 64 K colors, 200 nit backlight, touch screen
KEYBOARD	31-Key numeric with ten functional keys and two side scan keys
AUDIO POWER	Beeper Single piece rechargeable Li-ion Polymer battery 2600 mAh @ 3.7 V (9.62 Watt-hours)

SYSTEM

MICROPROCESSOR	Samsung A8 S5PV210 @ 800 MHz
OPERATING SYSTEM	Microsoft Windows CE 6.0 Pro
MEMORY	Flash: 512 MB; RAM: 256 MB
EXPANSION CLOCK	Micro SD card slot up to 32 GB capacity Real-time clock

COMMUNICATIONS

WIRELESS LOCAL AREA NETWORKING (WLAN)	Laird IEEE 802.11 b/g/n
WIRELESS PERSONAL AREA NETWORKING (WPAN)	Bluetooth® Wireless Technology; EDR, IEEE 802.15 v2.1
WIRED INTERFACES	Micro USB

ENVIRONMENTAL

DROP RESISTANCE	Withstands 18 drops from 1.5 m / 5.0 ft onto a concrete surface
TUMBLE PARTICULATE AND WATER SEALING TEMPERATURE	1000 random falls from 0.5 m / 1.6 ft IP54 Operating: -10 to 50 °C / 14 to 122 °F Charging: 10 to 45 °C / 50 to 113 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F
HUMIDITY (NON-CONDENSING) ELECTROSTATIC DISCHARGE (ESD)	5 - 95% Air: +/- 8 kV Direct: +/- 4 kV contact Indirect: +/- 8 kV coupling

DATA CAPTURE

LASER	Performance Laser with 'Green Spot' Technology Scan Rate: 100 +/- 10 scans / sec Minimum Resolution: 0.10 mm / 4.0 mils Depth of Field: 5.0 to 64.0 cm / 2.0 to 25.0 in Depending on bar code size and density
2D IMAGER	Area Imager with 'Green Spot' Technology Scan Rate: 60 frames / sec maximum Minimum Resolution: Linear codes at 4 mils; 2D codes at 5 mils Depth of Field: 4.0 to 40.0 cm / 1.6 to 15.5 in Depending on bar code size and density

DECODING CAPABILITY

1D / LINEAR CODES	Code 32, Code 39, Code 93, Code 128, Codabar, EAN/UPC, GS1 DataBar, Interleaved 2/5, MSI, Standard 2/5
2D CODES (2D IMAGER ONLY)	Aztec Code, Data Matrix, Maxicode, Micro QR Code, QR Code, GS1 DataBar™ Composites, UPC/EAN Composites
POSTAL CODES	Australian Post, China Post, USPS Intelligent Mail, Japanese Post, KIX Post, USPS PLANET, USPS POSTNET, UK Royal Mail, RM4SCC
STACKED CODES	GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked

SOFTWARE

DEVELOPMENT	Datalogic Windows SDK™ Wavelink Studio® Java Virtual Machine Wavelink Terminal Emulation™ (TE) Internet Explorer; Wavelink Velocity Wavelink Avalanche™
TERMINAL EMULATION BROWSER CONFIGURATION	Avalanche Remote Control™ Datalogic Firmware Utility (DFU) Datalogic Desktop Utility (DDU) Datalogic Configuration Utility (DCU)
SECURITY	Avalanche SecurePlus Wavelink Certificate Manager

SAFETY & REGULATORY

AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use.
ENVIRONMENTAL COMPLIANCE	China RoHS certified; Complies to EU RoHS ; REACH
LASER CLASSIFICATION	Caution Laser Radiation - Do not stare into beam; EN 60825-1 Class 2

WARRANTY

WARRANTY	1-Year Factory Warranty
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ACCESSORIES

Base Stations/Chargers



- DH60 Single Slot Desk Mount Dock with Micro USB

Batteries/Battery Chargers



- DH60 Multi Dock, Charges 4 Devices and 4 Batteries



- DH60 Multi Battery Charger, Charges 4 Spare Batteries

Cases/Holsters



- DH60 Holster for Belt Mounting

Miscellaneous



- DH60 Handle for Conversion to Pistol Grip