## 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 | Beeper |
| POWER | 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 |
| MEMORY | Flash: 512 MB; RAM: 256 MB |
| EXPANSION | Micro SD card slot up to 32 GB capacity |
| CLOCK | 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 | 1000 random falls from 0.5 m / 1.6 ft |
| PARTICULATE AND WATER SEALING | IP54 |
| TEMPERATURE | 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) | 5 - 95% |
| ELECTROSTATIC DISCHARGE (ESD) | 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 |
| AREA 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 11, Code 32, Code 39, Code 93, Code 128, Codabar, EAN/UPC, GS1 DataBar, Interleaved 2/5, MSI Plessey |
| 2D CODES (AREA IMAGER ONLY) | Aztec Code, Data Matrix, Maxicode, Micro QR Code, QR Code |
| POSTAL CODES | Australian Post, China Post, Intelligent Mail Barcode, Japanese Post, KIX Post, Planet Code, PostNet, RM4SCC |
| STACKED CODES (AREA IMAGER ONLY) | GS1 DataBar Composites, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, PDF417, MicroPDF417, TLC |

## SOFTWARE

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

## SAFETY & REGULATORY

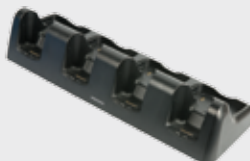| | |
|---|---|
| RADIO APPROVALS | State Radio Regulatory Commission of the People's Republic of China (SRRC) |
| SAFETY | China Compulsory Certificate (CCC) |
| ENVIRONMENTAL COMPLIANCE | China RoHS certified; Complies to EU RoHS |
| LASER CLASSIFICATION | Caution Laser Radiation - Do not stare into beam CDRH Class II; EN 60825-1 Class 2 |
| LED CLASSIFICATION | IEC/EN60825-1 Class 1 LED; IEC/EN62471 Class 1 LED |

## WARRANTY

| | |
|---|---|
| WARRANTY | 1-Year Factory Warranty |

**ACCESSORIES**

### Base Stations/Chargers



- 94ACC0086: DH60 Single Slot Desk Mount Dock with Micro USB



- 94ACC0088: DH60 Multi Dock, Charges 4 Devices and 4 Batteries

### Batteries/Battery Chargers



- 94ACC0089: DH60 Multi Battery Charger, Charges 4 Spare Batteries

### Cases/Holsters



- 94ACC0092: DH60 Holster for Belt Mounting

### Miscellaneous



- 94ACC0091: DH60 Handle for Conversion to Pistol Grip