REAL TIME DATA CAPTURE

- Capture with a high performance laser scanner Datalogic's patented 'Green Spot' technology, an auto ranging laser (XLR) scanner, or a 2D imager combined with a 3 Mega pixel color camera
- Communicate over a Summit 802.11 a/b/g radio with CCX v4 certification for security and seamless roaming or through wired standards including USB, RS-232, Modem and Ethernet
- Parallel computer architecture combines a PXA 310 and Cortex-M3 processors with a base memory package of 256 MB RAM / 256 MB Flash and choice of Microsoft Windows operating systems: Windows Embedded Handheld 6.5 or CE

ERGONOMIC & RUGGED

- Ergonomic handheld and pistol grip form factors balance a 3.5 inch display, full keyboards and a one piece 5,000 mAh battery
- Rubberized plastic enclosures survive daily abuse and trauma from drops to concrete and exposure to water and dust
- Users feel the full shift difference of oversized numeric and alphanumeric back-lit keyboards, a crystal clear display and an arched pistol grip handle with ergonomic trigger

EASY & INTUITIVE

- Develop custom solutions using the Datalogic industry leading Software Development Kit for the ultimate in device control
- Deploy quickly with Datalogic Utilities, Scan to Configure and Wavelink® Terminal Emulation
- Direct the installation, maintenance and management using Wavelink® Avalanche® console for the site or enterprise

FEATURES

- Datalogic's trademark ergonomics balance a 3.5 inch display with full shift battery
- Ruggedized with 1.8 m / 6.0 ft drop to concrete resistance and IP64 rating
- High performance laser and the wide aspect of 2D imaging with Datalogic's patented 'Green Spot' technology
- Auto Ranging Laser
- Optional 3M pixel autofocus camera
- CCX v4 certified 802.11 a/b/g radio
- Bluetooth® wireless communications
- Windows Embedded Handheld 6.5 or Windows CE 6.0 operating system
- Parallel processor architecture combines an XScale™ PXA 310 and a Cortex-M3 processor
- 256 MB RAM / 256 MB Flash memory
- User-accessible Micro SD memory slot
- Wavelink® Avalanche® device management and Terminal Emulation pre-licensed
- Datalogic Utilities and Software Development Kit
- Pal Application Library prelicensed

APPLICATIONS

- Warehouse and Distribution Centers: Retail, Wholesale, Manufacturing, Automotive/Industrial, Electronics, Food/Beverage, Consumer Products, Pharmaceutical, Third Party Logistics (3PL)
  - Receiving
  - Cross Docking
  - Put Away
  - Staging
  - Voice Picking
  - Shipping
  - Cycle Count
  - Inventory
  - Shelf Replenishment
  - Price Management
  - Order Entry
  - Assisted Sales
  - Planogram Verification
  - Damaged Goods Documentation

WIRELESS COMMUNICATIONS

LOCAL AREA NETWORK (LAN)	Summit IEEE 802.11 a/b/g
	Frequency range: Country dependent, typically 2.4 GHz and 5.2 GHz; Cisco Compatible CCX v4 Security
PERSONAL AREA NETWORK (PAN)	Bluetooth® Wireless Technology IEEE 802.15 Class 2 with EDR

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code, Data Matrix, Intelligent Mail, Maxicode, Micro QR Code, QR Code, UPU FICS
POSTAL CODES	Australian Post, Japan Post, KIX Code; PLANET, POSTNET; Royal Mail Code (RM4SCC)
STACKED CODES	Micro PDF, PDF417

ELECTRICAL

BATTERY	Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5000 mAh (18.5 Watt hours)

ENVIRONMENTAL

DROP RESISTANCE	Withstands drops from 1.8 m / 6.0 ft onto concrete
PARTICULATE AND WATER SEALING	IP64
TEMPERATURE	Operating: -20 to 50 ºC /-4 to 122 ºF
	Storage: -40 to 70 ºC / -40 to 158 ºF

INTERFACES

INTERFACES	Main connector with USB 1.1 Host, USB 1.1 Client, RS-232 up to 115.2 Kbps
	Ethernet: via single-slot or multi-slot docks (external modules)

PHYSICAL CHARACTERISTICS

AUDIO	Integrated microphone, high-volume loudspeaker
DIMENSIONS	Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard
	Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in
DISPLAY	Transflective TFT daylight readable color display, 240 x 320 pixels, 3.5 in diagonal, 64K colors, 200 nit backlight, touch screen
KEYBOARD	Polycarbonate hard cap keyboards with backlight 29 key numeric or 52 key alpha numeric with discrete navigation
WEIGHT	Handheld: 626.0 g / 22.1 oz
	Pistol grip: 699.0 g / 24.6 oz

READING PERFORMANCE

HIGH PERFORMANCE LASER (HPL)	Depth of Field: 5 to 40 cm / 2 to 16 in, depending on bar code and density. Scanning Rate: 35 +/- 5 scans/sec.
	Minimum Resolution: 0.20 mm / 7.5 mils
	Good Read Feedback: Datalogic's patented 'Green Spot' technology
LONG-RANGE LASER (XLR)	Depth of Field: Non reflective labels, from 5 to 243 cm / 2 to 180 in, depending on bar code density.
	Reflective labels: up to 1,376 cm / 542 in. Near range determined by degree of reflectivity and width of the bar code. All ranges dependent on bar code size and density.
	Scanning Rate: 40 +/- 6 scans/sec
	Minimum Resolution: 0.20 mm / 7.5 mils
WIDE ASPECT IMAGER	Depth of Field: 5 to 40 cm / 2 to 16 in, depending on bar code size and density. Scanning Rate: up to 60 frames/sec.
	Minimum Resolution: Linear codes at 4 mils; 2D codes at 5 mils
	Good Read Feedback: Datalogic's patented 'Green Spot' technology.
CAMERA	3 Mega pixel color with autofocus and LED flash (WEHH only)
	Image Formats: BMP, JPEG

SAFETY AND REGULATORY

AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications.
ENVIRONMENTAL COMPLIANCE	Complies to EU RoHS
LASER CLASSIFICATION	VLD - Class 2 IEC/EN60825-10. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007
LED CLASSIFICATION	Exempt Risk Group IEC/EN62471

SOFTWARE

CONFIGURATION & MAINTENANCE	Wavelink Avalanche® MC prelicensed, Wavelink Avalanche® SE prelicensed, Avalanche Remote Control™, Datalogic Firmware Utility (DFU), Datalogic Desktop Utility, Datalogic Configuration Utility (DCU)
DEVELOPMENT	Windows SDK™ Datalogic SDK (C/C++, .Net, Java); Wavelink® Studio™; MCL-Collection™; Java Virtual Machine
APPLICATIONS	Pal Application Library prelicensed
TERMINAL EMULATION	Wavelink® Terminal Emulation™ prelicensed, Wavelink® Industrial Browser™
SECURITY	Wavelink CE Secure; Wavelink Certificate Manager
VOICE-PICKING	Vo-CE™
	Wavelink® SpeakEasy

SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 6.0 with Microsoft WordPad and Internet Explorer 6.0
	Windows Embedded Handheld 6.5 with Mobile tools: Outlook Mobile, Word Mobile, Excel Mobile, PowerPoint Mobile, One Note Mobile and Internet Explorer Mobile 6.0
MICROPROCESSOR	XScale™ PXA310 @ 624 MHz
COPROCESSOR	Cortex-M3, 32 bit @ 72 MHz
MEMORY	System RAM: 256 MB, System Flash: 256 MB
EXPANSION SLOTS	Micro SD card slot compatible with SDHC cards, user-accessible
REAL-TIME CLOCK	Time and date stamping under software control

Caution: Laser Radiation - do not stare into beam

ACCESSORIES

Base Stations/Chargers

Cases/Holsters

- 94A151125   Single Slot Dock with Spare Battery Slot (Opt. Ethernet or Modem Connection)
- 94A151135   Four Slot Dock (Optional Ethernet Connection)
- 94A151137   Multi Battery Charger
- 94ACC0047   Standard Soft Case

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www.L-TronDirect.com

800-830-9523

info@L-Tron.com

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

www.L-Tron.com

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