

Hand-Held/Pistol Grip Mobile Computer

HIGHLIGHTS

• RUGGED

The Kyman™ rugged mobile computer is designed to survive demanding environments and provide ergonomics that reduce operator fatigue. A sturdy outer case with overmold protection ensures reliability and robustness. Kyman™ resists harsh environments, multiple drops, strong shocks, repetitive tumbles and freezing temperatures.

• FLEXIBLE

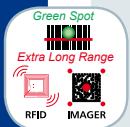
Kyman™ is available in hand-held and pistol grip models. Its detachable handle provides maximum flexibility switch between hand-held and pistol grip operations, without affecting Kyman's™ intrinsic robustness.

• VERSATILE

Kyman™ offers a full range of Data Capture options including RFID HF-ISO, Voice Recognition and bar code. 2D Imager, standard laser, high performance laser and extra long range laser options provide data capture from near contact to several meters away. A vast variety of symbologies enable Kyman™ to meet every market and application objective. Kyman™ simultaneously supports any network option – LAN, WAN and Personal Area Networks. GSM/GPRS/EDGE takes Kyman™ on the road making real-time transactions and enterprise resource access possible. 802.11 b/g CCX V4 certified offers all the advantages of the Cisco WLAN infrastructure and the latest in security protocols, WPA™ and WPA2™.

• STANDARD

Kyman™ maximizes operations for the enterprise using the powerful Intel X Scale PXA270 series processor. The standard Windows Mobile and Windows CE operating systems increase the return on investment through seamless integration and ease of deployment.



FEATURES

- Laser scanner with “Green spot”, providing good read feedback (Datalogic patent), High Performance and Extra Long Range Laser, Imager and HF RFID reading options
- Microsoft Windows Mobile 6.0 and Microsoft Windows CE 5.0 operating system
- Bluetooth® wireless technology, 802.11 b/g CCX V4 certified, GSM/GPRS/EDGE communication options
- 1.8 m (6 ft) drop resistance
- IP64 protection class
- Large high visibility color graphic display with touch screen
- Voice and VoIP support
- Wavelink Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™ and Terminal Emulation

APPLICATIONS

- Field service automation
- Parcel Pick-up and delivery
- Proof of delivery
- Route accounting
- Meter reading
- Warehouse management
 - Inventory/picking
 - Shipping/receiving
 - Shelf replenishment
 - Price management



Specifications

PHYSICAL CHARACTERISTICS

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|-----------------------|---|
| DIMENSIONS | 238 x 91 x 55 mm (9.3 x 3.5 x 2.2 in) without handle 238 x 91 x 162 mm (9.3 x 3.5 x 6.3 in) with handle |
| WEIGHT | 550 - 630 g (19.3 - 22.1 oz) without handle incl. battery 660 - 690 g (23.1 x 24.2 oz) with handle incl. battery |
| DISPLAY | 64K color TFT LCD with 320 x 240 pixel resolution, with LED backlight and touch screen, 89mm (3.5 in) diagonal |
| KEYBOARD | 53 full alphanumeric or 36 numeric keys with navigation keys, backlit |
| OPERATING TEMPERATURE | -20 ° to +50 °C (-4 ° to 122 °F) |
| STORAGE TEMPERATURE | -20 °C +70 °C (-4 ° to 158 °F) |
| DROP RESISTANCE | Withstands drops from 1.8 m (6 ft) onto concrete |
| ENVIRONMENTAL SEALING | IP64 standard for water and dust resistance |

SYSTEM

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|---------------------|--|
| OPERATING SYSTEM | Microsoft Windows Mobile 6.0 / Microsoft Windows CE 5.0 |
| MICROPROCESSOR | Intel® XScale PXA270 @ 520 MHz |
| SYSTEM RAM MEMORY | 128 MB |
| SYSTEM FLASH MEMORY | 128 MB (including Backup directory for user data & permanent program storage) |
| EXPANSION SLOTS | User-accessible mini-SD and SIM slots |
| POWER SUPPLY | Removable battery pack with rechargeable Li-Ion batteries; 2 cell Li-Ion 2,200 mAh @ 7.4 V (16.3 Watt-hrs); Local connection for fast battery charging |

COMMUNICATIONS

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|-----------------------|--|
| INTERFACES | Electrical: 3-pin RS232 up to 115.2 Kbps USB: integrated high speed USB (USB 1.1) Ethernet via multiple cradle desk |
| LOCAL AREA NETWORK | IEEE 802.11b/g CCX V4 Certified |
| PERSONAL AREA NETWORK | Frequency range: Country dependent, typically 2.4 - 2.5 GHz IEEE 802.15 Bluetooth® wireless technology (optional) |
| WIDE AREA NETWORK | Integrated module GSM/GPRS Tri-band (900, 1800, 1900 MHz), or GSM/GPRS/EDGE Quad-band (850, 900, 1800, 1900 MHz), user accessible SIM socket |

READING OPTIONS (xxx-9xx/xxx-1xx/xxx-6xx Laser models)

| | |
|----------------------|---|
| SCANNING RATE | 105 ± 12 scan/s (xxx-9xx); 35 ± 5 scans/s (xxx-1xx); 40 ± 6 scan/s (xxx-6xx) |
| MAX. RESOLUTION | 0.10 mm/4 mils (xxx-9xx); 0.13 mm/5mils (xxx-1xx); 0.20 mm/7.5 mils (xxx-6xx) |
| DEPTH OF FIELD | 5 to 64 cm (1.97 to 25.2 in), depending on bar code density (xxx-9xx); 5 to 74 cm (1.97 to 29.1 in), depending on bar code density (xxx-1xx); 15 to 380 cm (5.9 to 149.6 in), depending on bar code density (xxx-6xx) |
| LASER CLASSIFICATION | VLD - Class 2/II EN 60825-1/CDHR |

READING OPTIONS (xxx-7xx Imager models)

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|----------------------|--|
| AIMING | Visible laser diode @ 650 nm |
| MAX. RESOLUTION | 1D codes: 0.10 mm (4 mils); 2D codes: 0.17 mm (6.6 mils) |
| LASER CLASSIFICATION | Class 2/II EN 60825-1/CDHR |

SOFTWARE

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|----------------------------------|--|
| DEVELOPMENT | CONFIGURATION & MAINTENANCE |
| Windows CE SDK™ | Wavelink® Avalanche™ |
| DL Mobility Developer Assistant™ | Datalogic Firmware Utility |
| MCL-Collection™ | Datalogic Desktop Utility |
| | Datalogic Configuration Utility |
| TERMINAL EMULATION | UTILITIES |
| Wavelink® Terminal Emulation | Wavelink® Remote Control |
| | Wavelink® TermProxy |
| | Wavelink® Speakeasy |
| | Vo-CE™ |



Caution: Laser Radiation - do not stare into beam

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation.
For more information and software downloads see: www.mobile.datalogic.com/kyman

Accessories



Single/Multiple Cradles/Kyman™ handle/
Multi-battery charger



Functional and Protective Cases



Vehicle Cradle