

# The Industrial PDA



## HIGHLIGHTS

• **MAKES WORK EASIER**  
Datalogic JET™, the powerful Datalogic PDA with state-of-the-art architecture and the most advanced technologies, provides the most suitable power levels for capturing, computing and communicating data faster and easier.

• **FULL CONNECTIVITY**  
The Datalogic JET™ offers superior wireless simultaneous communication capabilities (WLAN, WWAN and WPAN) in the same and ergonomic form factor.

• **IDEAL FOR ANY APPLICATION**  
The Datalogic JET™ presents mobile professionals with the most relevant features needed to operate in demanding environments: reliability, ruggedness, drop resistance, long lasting batteries, flexible communication and efficient data capture. In addition to the highest robustness and reliability in its class, other key features of the Datalogic JET™ include fully integrated automatic data capture (bar codes, RFID tags and images).

• **A COMPLETE SOLUTION**  
Thanks to a set of accessories, such as a vehicle cradle (standard and loud speaker), cigarette lighter power adapter and dashboard mounting kit, combined with state-of-the-art technology inside the PDA, the Datalogic JET™ is the right answer for all data management needs on the move.



## FEATURES

- Microsoft Windows CE 5.0
- Intel PXA270
- Laser, Imager and Laser+RFID HF-ISO
- 13.56 MHz data capture options
- 1.5 m (5 ft) drop resistance
- IP64 protection class
- User-accessible memory slot
- Bluetooth®, Wi-Fi® (CCX V3), and GSM/GPRS simultaneous communication options
- Large high visibility QVGA color graphic display with touch screen
- Ergonomic, lightweight and robust

## APPLICATIONS

- Field Force Automation
- Parcel pick-up & delivery
- Route accounting
- Warehouse management: inventory/picking/shipping/receiving
- Shelf replenishment/Price management
- Healthcare administration

## Specifications

### PHYSICAL CHARACTERISTICS

DIMENSIONS	176 x 90 x 28 mm (6.9 x 3.5 x 1.1 in) minimum
WEIGHT	424 to 463 g (14.9 to 16.3 oz) depending on model (incl. battery)
DISPLAY	Reflective TFT daylight readable color display, 240 x 320 pixels, 3.5 in. (89 mm) diagonal, 64 K colors, backlight, touch screen
KEYBOARD	27 rubber keys, triple scan key, backlit keyboard standard
OPERATING TEMPERATURE	-10 °C to 50 °C (14 °F to 122 °F)
STORAGE TEMPERATURE	-20 °C to 70 °C (-4 °F to 158 °F)
DROP RESISTANCE	Withstands drops from 1.5 m (5 ft) onto concrete
ENVIRONMENTAL SEALING	IP64 standard for water and dust resistance

### SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 5.0
MICROPROCESSOR	Intel® XScale PXA 270 @ 520 MHz
SYSTEM RAM MEMORY	128 MB
SYSTEM FLASH MEMORY	128 MB (including Backup directory for user data & programs permanent storage)
EXPANSION SLOTS	Mini Secure Digital (user accessible)
REAL-TIME CLOCK	Time and date stamping under software control
POWER SUPPLY	Removable battery pack with rechargeable Li-Ion batteries; 7.4 V 1070/1800 mAh (7.9/13.3 Watt hours); Local connection for fast battery charging

### COMMUNICATIONS

INTERFACES	Electrical: integrated RS232 up to 115.2 Kbps USB: integrated high speed USB and mini USB connector (USB 1.1)
LOCAL AREA NETWORK	IEEE 802.11b/g (Wi-Fi®); CCX V3 Integrated module
WIDE AREA NETWORK	Frequency range: Country dependent, typically 2.4 - 2.5 GHz GSM/GPRS (900/1800/1900 MHz); user-accessible SIM socket for GSM/GPRS Integrated module
PERSONAL AREA NETWORK (PAN)	IEEE 802.15 Bluetooth® (optional) Integrated module

### READING OPTIONS

#### LASER CHARACTERISTICS

SCANNING RATE	104 ± 12 scan/sec
MINIMUM RESOLUTION	0.127 mm / 5 mils
DEPTH OF FIELD	5 to 90 cm (2 to 35 in), depending on bar code density
SCAN ANGLE	42° ± 2
BAR CODES	EAN/UPC, Code 39, 2/5 Codes, Plessey, Codabar, Code 128, EAN128, MSI, Code 93, Code 11 VLD - Class II EN 60825-1/CDHR

#### LASER CLASSIFICATION

#### RFID CHARACTERISTICS

OPERATING FREQUENCY	13.56 MHz
RFID TAGS	EMS HMS Series, EMS LRP ISO15693 Series, Philips Mifare Classic 1k (read/write block only), Philips Mifare Classic 4k (read/write block only), Philips Mifare Ultralight, Texas Tag-It HF-I ISO15693, Infineon ISO15693, I-CODE SLI ISO15693
OPERATING RANGE	Up to 10 cm

#### IMAGER CHARACTERISTICS

AIMING	Visible laser diode @ 650 nm
MAX. RESOLUTION	Linear: 5 mils; datamatrix: 6.6 mils
READING FIELD	21.8° (H) x 16.7° (V)
PRINT CONTRAST VALUE	PCS=23% (min.)
READING ANGLE	Skew ±40°; Pitch ±35°; Tilt 360°
SENSOR	640 X 480 element, 2D CMOS array
LASER CLASSIFICATION	Class 2 (IEC 825-1 and CDRH)
BAR CODES	1D: Interleaved 2 of 5, Code 39, Code 128, EAN 128, Code 93, UPC/EAN/JAN, Codabar 2D: PDF417, DataMatrix, QR, RSS codes POSTAL CODES: POSTNET, PLANET, Japan Post, Australia Post, KIX Code, Royal Mail Code (RM4SCC) 640 x 480 VGA (8 bit gray scale) 320 x 240 CIF (8 bit gray scale)

#### IMAGE & SIGNATURE CAPTURE

### SOFTWARE

#### DEVELOPMENT

Windows CE SDK™
DL Mobility Developer Assistant™
MCL-Collection™
Java Virtual Machine (Crème)

#### CONFIGURATION & MAINTENANCE

Wavelink® Avalanche™
DL Application Manager™
DL Mobile Director Enterprise™

#### UTILITIES

TERMINAL EMULATION	Locked Web Browser™
DL-TCL™	DL Keep Connecting™, Vo-CE™



The device complies with Part 15 of the FCC Rules. Operation is subject to the condition that you do not cause harmful interference. This device must accept, as well as emit, radio frequency interference and may cause additional interference.

CE N2468

## Accessories



Single Cradle and Multiple Battery Charger



Vehicle Cradle



Multiple Cradle (Ethernet)

For more information see: [www.mobile.datalogic.com/datalogicJet](http://www.mobile.datalogic.com/datalogicJet)