

# Spezifikationen / Datalogic Jet™

## PHYSICAL CHARACTERISTICS

DIMENSIONS	176 mm (6.9 in) x 90 mm (3.5 in) x 28 mm (1.1 in) minimum
WEIGHT	424-463 g (14.9-16.3 oz) depending on model (incl. battery)
DISPLAY	Reflective TFT day light readable color display, 240x320 pixels, 3.5 in; 64 K colors; backlight; touch screen
KEYBOARD	27 rubber keys; triple scan key; backlit keyboard standard
OPERATING TEMPERATURE	-10°C (14°F) to +50°C (122°F)
STORAGE TEMPERATURE	-20°C (-4°F) to +70°C (158°F)
DROP RESISTANCE	Withstands drops from 1.5 meters (5 ft) onto concrete
ENVIRONMENTAL SEALING	IP64 standard for water and dust resistance

## PERFORMANCE

OPERATING SYSTEM	Windows CE 4.2 .Net
MICROPROCESSOR	Intel® XScale @ 400 MHz
SYSTEM RAM MEMORY	64 MB
SYSTEM FLASH MEMORY	32 MB (including Backup directory for permanent storage of user data & programs)
REAL-TIME CLOCK	Time and date stamping under software control

## SERIAL COMMUNICATION

INTERFACES	IrDA: integrated high speed bi-directional communication port (IrDA 1.0) Electrical: integrated 3-pin RS232 up to 115.2 Kbps USB: integrated high speed USB (USB 1.1)
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## WIRELESS DATA COMMUNICATION

LOCAL AREA NETWORK	IEEE 802.11b (Wi-Fi) Antenna: internal, with diversity option Frequency range: country dependent, typically 2.4 - 2.5 GHz
WIDE AREA NETWORK	GSM/GPRS (900/1800/1900 MHz); user-accessible SIM socket for GSM/GPRS Antenna: internal
PERSONAL AREA NETWORK	Bluetooth® IEEE 802.15 Antenna: internal

## POWER MANAGEMENT

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
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### LASER CHARACTERISTICS

SCANNING RATE	35 ±5 scans/sec
MINIMUM RESOLUTION	0.127 mm (5 mils)
DEPTH OF FIELD	3 to 70 cm (1.2 to 27.6 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
LASER CLASSIFICATION	VLD - Class II

### RFID CHARACTERISTICS

OPERATING FREQUENCY	13.56 MHz
RFID TAGS	All the EMS LRP Series; ISO15693, Gemplus FOLIO, Inside PicoTag, Omron V720, Philips I.CODE, Microchip MCRF355, MCRF360 and Texas Instruments™ RFID Tag-it
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° Multiple Battery Charger
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 POSTAL CODES: POSTNET, PLANET, Japan Post, Australia Post, KIX Code, Royal Mail Code (RM4SCC)
IMAGE & SIGNATURE CAPTURE	640 x 480 VGA (8 bit gray scale) 320 x 240 CIF (8 bit gray scale)