HRC-4200

- **Indoor & Outdoor Use.**
  HRC-4200 enclosure meets IP 54
  protection standard

- **Large Half VGA Display.**
  6.2" 640 x 240 pixels

- **Outstanding communication capabilities**
  Voice and Data over
  GSM/GPRS, WLAN and BT

FEATURES

Ergonomic Design – Designed to comfortably fit the user's hands for anywhere and anytime operations.

User Friendly Operating System – The HRC-4200 is supplied with Microsoft Windows CE 5.0 operating system

Designed for Mobility – Integrates radio sub-systems to always stay connected:
- IrDA
- PAN (Bluetooth)
- WLAN (IEEE 802.11 b/g)
- WWAN (GSM/GPRS)

GPS – The integrated sensitive receiver and antenna allow the users to easily take advantage of a navigation system and to geographically reference the data sent over the wireless network.

Large Touch Screen Display – The 6.2" half VGA display allows the user to view data and images as well as enables comfortable gloved finger input.

Smart Card Reader – Designed to use the Smart Cards for identification, authentication or data storage.

Barcode Scanner – Provides a superior working range, regardless of lighting or bar code symbology.

Enhanced Power Management – Based on a Li-Ion cell, the HRC-4200 allows maximum operating time and saves energy when the operator does not use the computer.

Wide choice of built in options and accessories – HRC-4200 is a versatile custom configurable product to match any customer's needs.

- **Transportation & Logistics**
- **Warehousing**
- **Field Services and Maintenance**
- **Courier & Postal Services**
- **Homeland Security**

Eurotech HRC-4200 is a rugged powerful handheld computer designed for use in a wide range of mobile applications to extend enterprise computing within as well as far beyond, company grounds. HRC-4200 brings high performance and efficiency of operation to the user, enhancing productivity and providing benefits for both the company and the customer.

HRC-4200 has a large half VGA color display to show large amount of data and allow comfortable gloved operation of the full on screen QWERTY keyboard.

With its built in WWAN and WLAN, the HRC-4200 is an ideal tool for the mobile user who needs to collect, process and communicate information at the point of activity. Voice and data can be exchanged in a secure way across the networks both inside and outside the company.
The integrated Bluetooth and IrDA wireless interfaces allow the communication between HRC-4200 and other devices to create a personal area network (PAN).

Thanks to the integrated barcode scanner, data can be automatically read and inserted without the risk of input errors.

The integrated GPS receiver allows both car navigation, fleet management and secure proof of delivery (POD), supported by on screen signature capture.

For further information on Eurotech hand held computers and accessories, please visit our website: www.eurotech.com.

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System Architecture

PROCESSOR	PXA 270 @ 520 MHz
MEMORY	128 MB RAM - 1 GB Non Volatile FLASH
MEMORY EXPANSION	User accessible expansion SD card up to 32 GB
DISPLAY	6.2" TFT 640 x 240 pixels HVGA (153 x 58 mm effective area)
	Touch Screen - 64K Colours
	Dynamic landscape/portrait mode switch
LED	1 System status LED
	1 WWAN status LED
	1 GPS status LED
AUDIO	Integrated 18 bit sound – 1 speaker – 1 microphone
I/O	1 USB host & client (needs relevant accessory)
IrDA	115 Kbps
WPAN	Bluetooth Class 1 internal antenna
WLAN	Integrated IEEE 802.11b/g with internal antenna
WWAN	Integrated GSM/GRPRS class 10 with internal antenna – User accessible SIM card slot
	Tri-Band 900/1800/1900MHz or 850/1800/1900MHz (USA)
GPS	Integrated ultra fast 50 channel, SBAS & A-GPS support, NMEA & UBX protocols, GALILEO ready, SuperSense® Indoor GPS Technology – Internal antenna
SMART CARD READER	Outside accessible/internal
	ISO 7816 Class A, B supported
DATA CAPTURE	Integrated high performance 1D laser scanner
	On screen signature capture
KEYBOARD/BUTTONS	On screen finger friendly keyboard freely resizable and freely programmable
	Free programmable Side Action Keys and Triangular Buttons,
	Suspend and Reset Button
POWER	17.8 Wh 4800 mAh Li-Ion hot swappable battery pack
	Non removable Li-Pol rechargeable backup battery
BATTERY CHARGING	Universal power supply
PEN DEVICE	Integrated stylus
OPERATING SYSTEM	Microsoft Windows CE 5.0
APPLICATION DEVELOPMENT	Eurotech SDK for Visual Studio.NET and Embedded Visual C++
DIMENSIONS	230x94x34 mm (9.05x3.70x1.34 in)
WEIGHT	From 640g depending on configurations (battery included)
OPERATING TEMPERATURE	-10 to +60°C (battery charging 0 to 45°C)
STORAGE TEMPERATURE	-20 to +60°C
HUMIDITY	95% relative humidity non condensing
ENVIRONMENTAL	IP54
DROP SPECIFICATIONS	1,2 m (4 ft) onto concrete
REGULATORY APPROVALS	CE - R&TTE - RoHS, FCC 15 Class B
CASE COLORS	Standard dark/light grey – custom colours available on request

Accessories

POWER	Travel charger incl. Power Adapter or Cigaret Lighter Adapter
	Docking station
	Multi Charging Station
	Multi Battery charger
CONNECTIVITY	via Smart Caps (USB host & client/Audio/RS232)
	via Docking Stations (USB host & client/Audio/RS232)
	via Multi Charging Station (Ethernet)
OTHER	Pistol Grip
	Carrying cases

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