

RECON

The toughest there is



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Recon X-Series delivers maximum performance and reliability in a lightweight and extremely rugged design. The Recon weighs just 490 grams and exceeds rigorous military standard for drops, vibration, humidity and altitude. With its IP67 rating it is dust and waterproof and it also operates in extreme temperatures from -30°C to 60°C.

With optional integrated Bluetooth the Recon can easily connect to peripheral devices. The 802.11g wireless gives you access to local area network, e-mail and the Internet. The Recon features built-in microphone and speaker and has a transfective color touchscreen that works perfectly even in direct sunlight or in low light conditions. Two protected CompactFlash slots supports accessories such as GPS, GPRS, RFID, barcode scanners and other devices, all with the IP67 rating intact.

The Recon features a high-performance 200 MHz or 400 MHz Intel XScale processor and 64 or 128 MB of RAM. To protect data from resets or power loss the Recon offers high-performance persistent NAND Flash storage, from 128 MB to 512 MB. Microsofts versatile Windows Mobile 5.0 operating system runs thousands of applications, including calendar, e-mail and mobile versions of Word, Excel and PowerPoint.

The PowerBoot module integrates a 3800 mAh battery pack with industry standard 9-pin serial and USB ports into a single component, easily replaceable in field. The Recon's innovative modular design saves time and money and provides customization options to suit your specific applications.

Size	165mm x 95mm x 45mm
Weight	490 g
Environment	
<i>Operating:</i>	-30°C to 60°C
<i>Storage:</i>	-40°C to 70°C
<i>Drop:</i>	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m 6 additional drops at -30°C 6 additional drops at 60°C
<i>Sand & Dust:</i>	IP67, MIL-STD-810F, Method 510.4, Procedure I
<i>Water:</i>	IP67 Sealed against accidental immersion (1 m for 30 min) MIL-STD-810F, Method 512.4, Procedure I
<i>Humidity:</i>	MIL-STD-810F, Method 507.4
<i>Altitude:</i>	15,000 ft (4572 m) at +23°C, MIL-STD-810F, Method 500.4, Procedures I, II and III,
<i>Vibration:</i>	MIL-STD-810F, Method 514.5 Procedures I, Figures 17 and 18
Processor/memory	Intel PXA 255 Xscale CPU, 200 Mhz (Recon 200X) 400 Mhz (Recon 400X and 400XL), 64 MB high-speed SDRAM (X) 128 MB high-speed SDRAM (XL) ~22 MB reserved for OS
Disk	Onboard nonvolatile NAND Flash 128 MB (200X), 256 MB (400 X), 512 MB (400XL), ~31 MB reserved for OS
Operating System	Microsoft Windows Mobile 5.0 (Premium edition)
Screen	240 x 320 pixel (1/4 VGA) color TFT with LED front light
Keyboard	10 Keys, onscreen qwerty softkeyboard
Battery	3800 mAh NiMH rechargeable pack, allowing for 12-30h operating time depending on usage
Connections	1 x Standard 9-pin (male) D-shell RS-232 serial, 1 x USB 1.1 port slave 1 x 5V Charging, 2 x Cf-Card slots one type I and one type II slot
Communication	WAN: GPRS Cf-Card WLAN: Integrated 802.11g* PAN: Integrated Bluetooth* Integrated speaker & Microphone *Optional
Options	• 12V Vehicle charger • Vehicle Cradle • Bt Cf-Card • Wlan Cf-Card • GPS Cf-Card • GPRS Cf-Card • Rfid Kit 13.56 Mhz • Rfid Kit 125 khz • Fingerprint reader • Barcode Imager kit • Cf-Caps • Pole brackets • Desktop Cradle • Powerboot module for AA batteries • Carrying Cases • Belt Carrier

Recon X-Series		
The Recon is an environmentally sealed PDA (IP67) with a base unit having a Xscale processor, 64-128Mb RAM/128-256Mb Disk, Color TFT screen, Windows Mobile 5.0 in flash memory, COM1, RS232 serial port, USB, two user accessible Cf Card slots, speaker/microphone. Each unit is supplied with a high capacity Rechargeable PowerBoot Module, Standard Cf Cap, two stylus pens, a package of 2 Ultra Clear screen protectors, Handstrap, AC charger, USB data cable, Microsoft Windows CE Services CD and an user leaflet. Available Colors: Gray, Yellow, Military Green.		
Options	C=G(Gray), Y(Yellow), M(Military Green)	Euro
Base Unit		
	RE3-MC4CMX	400Mhz, 64Mb Ram,256Mb Disk, Mobile 5.0 € 1190
	RE3-MC4CMB	400Mhz, 64Mb Ram,256Mb Disk, Mobile 5.0 Bt € 1315
	RE3-MC4CMD	400Mhz, 64Mb Ram,256Mb Disk, Mobile 5.0 Bt+802.11g € 1380
GPRS	GSM0110-01	Enfora GPRS Cf Card € 314
	GPRS01	Enfora GPRS Cf Card and Mid size Cf Cap € 393
Bluetooth / Wlan	Wlan01	Socket Wlan 802.11 b/g and Mid size Cf Cap € 245
	Wlan02	Socket Wlan Cf Card 802.11 b/g € 156
	REC-ABTKIT	Socket Bluetooth Cf Card € 156
Flash Disks	CF-1GB-U	1 Gbytes solid state compactflashdisk, Ultra II € 30
	CF-2GB-U	2 Gbytes solid state compactflashdisk, Ultra II € 47
	CF-4GB-U	4 Gbytes solid state compactflashdisk, Ultra II € 85
	CF-8GB-U	8 Gbytes solid state compactflashdisk, Ultra II € 167
RFID	125KHZ	125KHZ RFID Incl external antenna and Mid Size Cf Cap € 463
	125,134KHz	125-134,2 KHz RFID LF Multitag and Mid Size Cf Cap € 480
	13,56MHZ-Multi	13.56MHz Multi ISO 14443A/B, 15693,18000-3 + Ext Cf Cap € 605
Barcode	REC-F-2020-01	Socket Bar Code Imager Cf card € 816
	REC-F-2035-01	Socket CF Scancard 5P Class 2 Laser € 583
	REC-F-2036-01	Socket CF Scancard 5P Class 2 Laser With Optical CAP € 671
GPS	HOLUXGR271	Holux GPS Cf card Sirf Star III € 88
	HOLUX GPS1im236	Holux Bluetooth GPS Sirf III € 126
Batteries	REC-APOWERBOOT	Rechargeable PowerBoot Module € 95
	REC-APWRAABOOT	AA - PowerBoot Module € 90
Extended Warranty	REC-2YW	Extended warranty 1 year (total of 2 years), only new units € 139
	REC-3YW	Extended warranty 2 year (total of 3 years), only new units € 280
Chargers	REC-AEUPOWERSUP	European charger € 50
	REC-Z5014	Desktop Cradle - USB € 180
	REC-AAVCHRG12VCBL	In vehicle 12v charger € 35
Misc.	REC-ACFCAP	Standard Cf Cap € 28
	REC-AEC1001-01	Extended Cf Cap (GPS, RFID) € 89
	REC-F-2025-01	Mid Size Cf Cap (GPRS, Wlan) € 89
	REC-F-2081-01	Optical Cf Cap (Camera, Barcode or Imager) € 120
	REC-AHANDSTRAP	Hand strap € 12
	REC-ASTYLUS	Stylus pen (2-pack) € 6
	REC-ASTDCASE	Standard nylon carry case (yellow) € 25
	REC-ACARRYCASE	Deluxe case with belt clip and neck strap € 40
	REC-F-2021-01	Deluxe case for Extended Cf Cap € 40
	REC-BeltCarrier	Belt Carrier € 205
	REC-Vcradle	Vehicle Cradle with 12V Charger and Serialport € 378
	REC-CradleDmax	Vehicle Cradle Data Max € 130
	704-0007-01Q	LCD Screen Protectors Ultra Clear (package of 2) € 9
	704-0007-02Q	LCD Screen Protectors Anti-Glare (package of 2) € 9
	REC-APOLEBRK	GPS Range pole bracket € 155
	REC-AUSCBL	USB data cable € 15