



Optimus PDA

Features and Benefits

True Industrial PDA

Optimus PDA is the best industrial, durable PDA platform where the optimum solution can be used for increasing business efficiency.

- ◆ Drop Spec. : for six sides from the height of 1.5m, twice for each
- ◆ Waterproof/Dustproof: IP54 spec. (Dust protected, protected against splash water)

Optimus PDA was designed as a genuinely industrial PDA to be usable under the hottest weather and intense cold.

Suitable for barcode-oriented, mobile applications at outdoors

Optimus PDA is a portable industrial PDA which is suitable for such environments as post service, logistics, home delivery, sales force automation, field after service, etc. where temperature varies according to the season and working conditions are relatively poor (outdoor application).

- ◆ Laser scan engine equipped as a default
- ◆ TFT color LCD : 65,000 colors
- ◆ Cell phone-oriented alphanumeric keypad
- ◆ Various wireless spec. : WLAN(IEEE802.11b), WWAN(CDMA, GPRS, DoPa)

Designed for Now and Tomorrow

Optimus PDA uses Microsoft Windows CE.net v4.2 platform and Intel XScale CPU. The powerful and stable computing power of MC3000 supports the best application environment adaptable for the customer's needs.

- ◆ Microsoft Windows CE.NET(v. 4.2) platform
- ◆ Intel XScale CPU, PXA255 (400MHz)
- ◆ 32MB(NOR), 128MB(NAND) of flash ROM and 64/128MB of data memory



www.metrologic.com

USA
Tel. 1.800.ID.METRO
info@metrologic.com

Asia
Tel. 65.842.7155
info@sg.metrologic.com

AOA (only)
Tel. 1.617.806.1400
info@aoa.metrologic.com

China (only)
Tel. 86.512.2572511
info@cn.metrologic.com


South America
Tel. 55.11.5182.7273
info@sa.metrologic.com

Japan (only)
Tel. 81.03.3839.8511
info@jp.metrologic.com

Brazil (only)
Tel. 55.11.5182.8226
info@br.metrologic.com

Europe
Tel. 49.89.89019.0
info@eu.metrologic.com

Optimus PDA

PHYSICAL CHARACTERISTICS	
Dimensions	77mm W x 178mm L x 31mm (Head) H : 26mm (Tail) H
Weight	240g (Including Barcode Scanner, Except Battery)
Drop Spec.	1.5m to concrete (for six sides, twice for each)
Environmental Sealing	IP54 (Dust protected, protected against splash water)
Operating Temp.	-20;É~50;É (Storage Temp. : -30;É~70;É)
Humidity	5% to 95% RH non-condensing
Electrostatic Discharge (ESD)	8KVDC on contact, 4KVDC on air
Keypad	2 trigger, power, backlight, start, end, 4 way direction, function, enter key, user-selectable 12 key (Numeric, English/Korean), LED Backlight
PERFORMANCE CHARACTERISTICS	
CPU	Intel XScale™ PXA255 Microprocessor (400MHz)
OS	Microsoft Windows CE™.net (v4.2) 
MEMORY	Flash ROM: NAND 128MB, NOR 32MB and SD RAM: 64MB / 128MB
DISPLAY	3.5" TFT 64K Color LCD with touch-screen Resolution : 240 X 320 Pixel
Barcode Scan	Laser Scan Engine, CMOS Imager Scan Engine 1D : UPC/EAN/KAN, Code 39 / 93 / 128, Interleaved 2 of 5, etc. 2D : PDF417
Communications	USB, RS232, IrDA, Bluetooth(Optional)
WLAN	IEEE802.11b (DSSS, 11Mbps)
WWAN	CDMA2000 1x, GPRS, DoPa
Expansion	SD/MMC card slot, R-UIM card slot (User accessible)
GPS	External GPS (Optional)
Digital Camera	Motion Capture Digital Camera (Optional)
Handwriting Recognition	Customized Jipilmook™ (Korean, English, Chinese)
PIMS	xPIMS (Today, Calendar, Task, Contacts, Notes, Inbox and PIMS backup)
Application Development	Microsoft SDK for Windows CE, SDK
Host Connectivity	Microsoft Windows 95/98/NT/2000/2003/XP
BATTERY	Main : 3.8V, 2000mAh rechargeable, replaceable pack (Li-PB) Sub : 3.3V, 130mAh rechargeable
Battery Life	12 ~ 72 hours (Application dependent)
Charging Time	Less than 3 hours
REGULATORY	
Electric Safety	UL 1950, CSA C22.2 No.950, EN60950/IEC950
Laser Safety	CDRH Class II, IEC Class 2
EMC (EMI/EMS)	