

Next Generation PDA Style Industrial Data Terminal Survives the Elements in Extreme Environments



- Built-in high performance linear imager scanner capable of reading industry standard symbologies
- Wireless communications via Bluetooth®
- Rugged casing to allow use in extreme environments
- Original CASIO digital technology enables capturing of images in all light conditions.
- Microsoft® Windows® CE 5.0 offers reliable and real time capabilities.
- Superb quality VGA resolution color screen
- miniSD™ card slot for extra storage
- Compliant with the European Union's Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment directive (RoHS)



GENERAL GUIDE / OPTIONS



Model Selection

Model	Scanner	Bluetooth	WLAN	Digital Camera
IT-600M30U	Yes	Yes	by CF Card	No
IT-600M30UC	Yes	Yes	by CF Card	Yes

SPECIFICATIONS

CPU	Intel PXA270 Application Processor (Max. 520 MHz)
OS	Microsoft Windows CE 5.0 English Version
Memory	
RAM	64 MB
F-ROM	128 MB (User area: Approx. 60MB)
Display	
Type	3.7-inch transfective TFT color LCD (65,536 colors)
Resolution	480 x 640 dots
Backlight	LED
Indicator	1 x 2-color LED, 1 x 3-color LED
Input	
Keyboard	21 keys (including Numeric keys, Center key, Cursor keys)
Trigger key	3 keys (Left, Right and Center)
Touch panel	Yes
Linear Imager scanner	
Type	APS CMOS bi-linear image sensor
No. of scanings	500 per second (decoded time), 200 per second (decoded time)
Resolution	0.1 mm (4mils.) minimum
Readable distance	up to 900 mm (35 in)
Readable symbologies	UPC-A, UPC-E, EAN, JAN, NW7, Code 39, Interleaved 2 of 5, MSI, Industrial 2 of 5, Code 93, Code 128, IATA, EAN 128, RSS-14, RSS Limited, RSS Expanded
Interface	
Bluetooth	Bluetooth Version 1.2 compatible
Infrared	IrDA 1.3 compatible (Maximum: 4 Mbps, up to 30cm distance)
Serial	USB version 1.1 (Host/Client)
CF Card	CF Card Extension Unit required (optional)
Digital camera	
CCD sensor	Approx. 1.0 mega pixels

Buzzer	2 sound volumes
Sound volume	
Vibrator	Comes as standard
Power	
Operation	Lithium-ion battery pack (HA-D20BAT or HA-D21LBAT)
Memory backup	Lithium battery (rechargeable) on board
Battery capacity	HA-D20BAT 1,850 mAh HA-D21LBAT 3,700 mAh
Operating period	Approx. 11 hours (HA-D20BAT)*1 Approx. 22 hours (HA-D21LBAT)*1
Memory back up period	RAM : Approx. 10 minutes, Clock : Approx. 72 hours (Assuming that the Lithium-ion battery pack is fully charged and at room temperature.)
Environment	
Operating temperature	14F to 122F
Storage temperature	-4F to +140F
Operating humidity	10% to 80%RH (no condensation)
Storage humidity	5% to 90%RH (no condensation)
Dust/Water-splash proof	IP54 level (compliant with IEC60529)
Drop durability	From 1.2 m in height onto concrete floor
Dimensions and weight	
Dimensions	Approx. 3.2 (W) x 6.5 (D) x 0.9 (H) inch
Weight	Approx. 10.2 oz
Application development tool	eMbedded Visual C++ 4.0, Visual Studio .NET 2003 (w/WindowsCE .NET Utilities v1.1 for Visual Studio .NET 2003)
Compliance	
Safety	EN60950
EMC, EMI	EN55022/EN55024, (FCC Part 15B)*4 EN300328/EN301489 (FCC Part 15C)*4
Bluetooth type approval	Bluetooth logo certification

*3 When the CPU speed is set to auto power save mode and the backlight is turned off. *4 Relevant assessment tests have been carried out by an accredited testing body.

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*Specifications and designs are subject to change without notice.

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