

CASIO IT-3000

General Guide / Options

All pictures on this page refer to Model IT-3000M53E

Model	Bluetooth	MCR	C-MOS-Imager
IT-3000M53E	Yes	No	No
IT-3000M54E	Yes	Yes	No
IT-3000M55E	Yes	Yes	Yes

Specifications

CPU	Intel® XScale™ PXA-255	Max. 400 MHz	Key pad	Backlit alpha numeric keyboard, double zero-, CLR-, ENT-, Cursor-, Power-, Fn-, Bs-, Minus-key
Operating System	Windows® CE®.NET 4.1	Embedded English	Interface	Bluetooth™ Version 1.1 compatible Infrared IrDA version 1.1 Serial 2 x Typ RS232 (8pin and 14pin), (1 x 14pin M55E only) Card slot 1 SD card Card slot 2 PC card Type I/II
Memory			Power	Battery Li-Ion battery pack, 7.4 V 2200mAh AC adaptor 100-240 V Back-up battery Li-Ion battery (rechargeable)
RAM	64 MB		Environment	Drop durability 1.2 m Splashproof IP54 Operating temp. -20°C to 50°C
F-ROM	96 MB (30 MB user area)		Dimensions	(L x W x H) 265 x 68 x 108 mm (without options)
Display			Weight	approx. 635 – 680 g (depending on model)
Casio-Super-LCD	Transflective 16-bit TFT colour touch display		Application development tool	Embedded visual c++, VisualStudio .NET 2003
Size / Pixel	3.5 inch / 240 x 320 dots		Compatibility	WLAN, GPRS
Font size	Scalable fonts			
Back light	LED, automatic brightness sensor			
Printer				
Printing method	Thermal line dot			
Paper width	80 mm or 58 mm			
Font type	Different font sets are preinstalled			
Scanner				
Device	C-MOS imager			
Image data capture	max. 640 x 480 dots, 2 or 256 grey scales, bmp or jpg			
Readable codes 1D	EAN, UPCA/E, Code39, NW7/Codabar, ITF, Code93, Code128, MSI/Plessi, IATA, Code11, RSS			
Readable codes 2D	Code49, PDF417, MicroPDF, Codeblock, Aztec, AztecMesa, QRCode, MaxiCode, DataMatrix			
Magnetic card reader	ISO Tracks 1, 2 (ISO/IEC 7811-2 2001)			



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CASIO®

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Mobile computing, printing and magnetic card reading – based on Microsoft®.NET® technology.



- Integrated high-speed thermal printer
- 3.5" TFT Touchscreen LCD, ideal for indoor and outdoor use
- Drop tested from 1.2 m to concrete, sealed to IP54
- C-MOS scanner and magnetic card reader model available
- Various industrial standard interfaces for system expansion
- Perfect ergonomics

CASIO®

CASIO IT-3000

All the features you need in one reliable and ergonomic terminal.

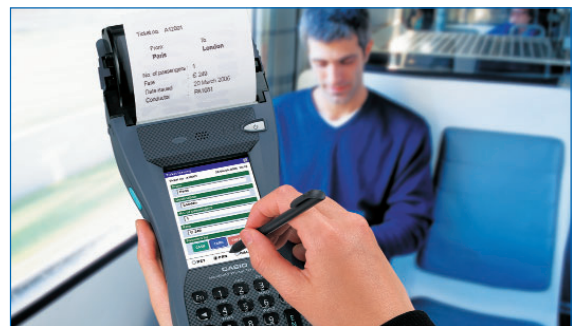
The IT-3000 features a built-in high speed thermal printer capable of printing up to 28 lines per second. It runs on the Microsoft® Windows® CE .NET operating system for easy development and integration into the enterprise. Its sturdy construction enables it to withstand a drop from a height of 1.2 meters down to concrete and the IP54 level sealing allows it to be used in dusty and wet environments.

With Bluetooth™ and IrDA both integrated as standard, and a PC card slot for optional use of Wireless LAN or GPRS cards, a wide selection of wireless communication options is possible. Models with magnetic card reader and C-MOS imager are also available.



Perfect for a variety of vertical applications

With the high speed printer integrated as standard on all models, the magnetic card reader (M54E/M55E models) and the C-MOS Imager (M55E model), it is finally possible to eliminate the need to carry separate devices such as portable printers, magnetic card readers and scanners. This not only lowers the cost of the overall solution, but also increases productivity and reliability. The IT-3000 series is ideal for issuing tickets, mobile sales, queue busting and for any situation where a receipt or label may be required.



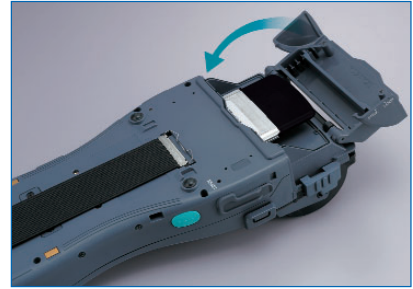
Reduced human error and improved efficiency



In addition to genuine ease of use and mobility, the IT-3000 series has been designed to be an all-round solution for vertical applications in all weather conditions, day or night. Meter reading, parking meter control, traffic violation control and many field service or maintenance operations will particularly benefit from the use of such a versatile device since it can significantly reduce human error and improve efficiency in these vertical applications.

Wide selection of industrial standard interfaces

An SD memory card slot, PC card slot (TYPE I/II), integrated Bluetooth™ and IrDA come as standard. Data stored in the terminal can be backed up to an SD memory card. Wireless LAN communication is possible using a Wireless LAN card installed in the PC card slot. The integrated Bluetooth™ module enables wireless communication with a wide range of peripherals such as cellular phone and Bluetooth™ Access-Point. In addition to these industry standard interfaces, an 8-pin serial port (not available on M55E models) and 14-pin serial interface are also available for connection with external devices such as smart card readers.



Built-in thermal printer



The built-in thermal printer uses a simple one-step paper-loading method. All that is required is to place a paper roll inside the paper roll holder, pull out 2 cm paperlength and then close the cover. This simple method saves time and ensures that the paper is always loaded correctly even when performed in the field.

An elastic rubber hand strap is included with the terminal. This hand strap is secured on the back of the terminal and enables users to hold it comfortably, eliminating the need to grip too firmly. This guards against dropping and excessive fatigue during prolonged use.

Microsoft Windows® CE® .NET OS

The IT-3000 uses Windows®CE .NET 4.1 as its operating system allowing you to connect information, people, systems and devices together. Windows®CE .NET offers extensive support for wireless communications via

Bluetooth™, Wireless LAN and GPRS. The .NET Compact Framework is fully supported and applications can be developed using eVC++ 4.0 or Visual Studio .NET 2003 with either VB .NET or C#.

Built to withstand rough handling and severe environments



The IT-3000 has been designed and built for rugged reliability. The terminal, including the printer and paper roll holder (with the splash protector), complies with the IP54 rating (the International Standard IEC529) for dust and water-splash protection. It can withstand a drop from a height of 1.2 meters to concrete and can operate in temperatures between -20°C and +50°C. The IT-3000's rugged construction enables it to survive rough handling and give trouble free use over prolonged periods in very tough environments.



Superb visibility on screen as well as on keyboard

The IT-3000 features a 2-way TFT color LCD screen (240 x 320 dots) with improved visibility during outdoor use. Unlike conventional transparent LCDs, the IT-3000's screen uses CASIO's proprietary optical film to effectively reflect incoming light that is normally dispersed. The screen display has vivid clarity in both indoor and outdoor environments. The IT-3000 also features a large backlit keyboard. This is automatically controlled by a brightness sensor for optimum visibility irrespective of the lighting conditions.

