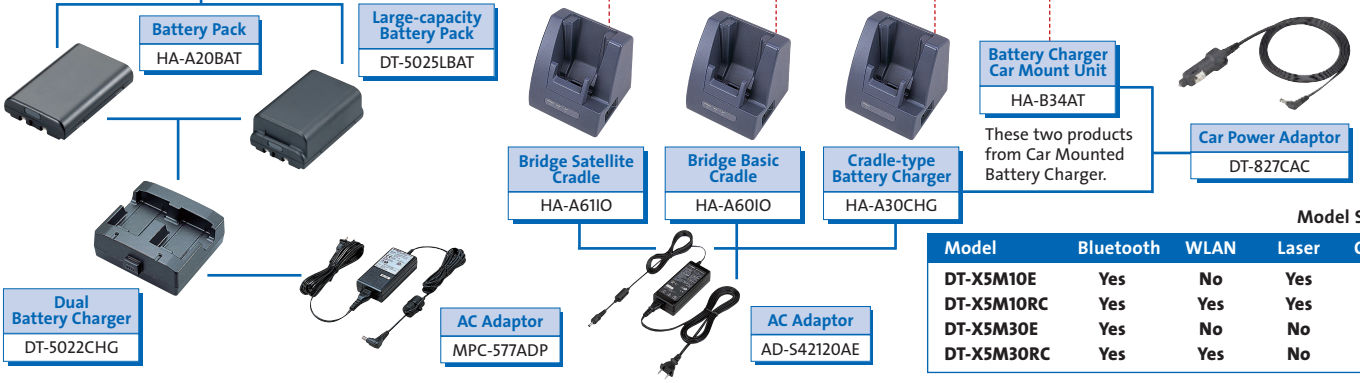
CASIO DT-X5

General Guide / Options



Model Selection

Model	Bluetooth	WLAN	Laser	CMOS
DT-X5M10E	**Yes**	**No**	**Yes**	**No**
DT-X5M10RC	**Yes**	**Yes**	**Yes**	**No**
DT-X5M30E	**Yes**	**No**	**No**	**Yes**
DT-X5M30RC	**Yes**	**Yes**	**No**	**Yes**

Specifications

CPU	SH3 (32-bit RISC-type)	
OS	Microsoft® Windows® CE®.NET 4.1 eMbedded english	
Memory	RAM	16 MB
	F-ROM	64 MB (approx. 30 MB user-area)
Display	Type	Monochrome FSTN LCD
	Resolution	128 x 160 dots
	Backlight	yes (LED)
	Indicator	2-colour LED (red, green)
Scanner	Type	Semi-conductor laser light
	Frequency	100 (+/-20) scans/sec.
	Angle	60° downwards
	Resolution	0.127 mm
	Readable distance	0 to 400 mm
	Readable symbologies	EAN, UPC-A/E, EAN, NW7 (Codabar), Code39, Code93, Code128/EAN128, ITF, MSI, IATA, Industrial 2 of 5
CMOS-imager	Additional symbologies	PDF 417, stacked 1D codes
Keypad	Alphanumeric keypad, Clear-, Enter-, Cursor-, Power-, Fn-, Function 1 to 8-, Multi-, Left-, Right- key	
	Trigger keys	2 (left, right)
Interface	Bluetooth™	Integrated, version 1.1 compatible
	Infrared	IrDA 1.1 compatible
	WLAN (only M10RC, M30RC)	IEEE 802.11b compatible

Buzzer	Yes
Vibration	Built-in

Power	M10E	M10RC	M30E	M30RC
2x AA-Dry-cell	Yes	No	Yes	No
Li-Ion-battery		1700 mAh (S), 3400 mAh (L)		
AC-adaptor		100-240 V		
Back-up battery		Li-battery (rechargeable)		
Operating time				
with 2 AA-Batteries	140 hrs.	–	30 hrs.	–
with Li-Ion-Battery (L/S)	140/70 hrs.	24/12 hrs.*	60/30 hrs.	24/12 hrs.

* Standby : scan : wireless = 6.5 : 1.5 : 2 / Based on 2 scans/ 10 sec.

Memory back-up period	w/o main battery: approx. 3 days with main battery (fully charded): approx. 120 days
Environment	
Drop resistance	1.8 meter on concrete
Dust/Water splashproof	IP54 (complaint with IEC60529)
Operating temperature	-20°C to 50°C
Dimensions	(L x W x H) 179 x 70 x 41.1 mm
Weight	Approx. 250 g
Application development tool	eMbedded Visual C++

Microsoft® Windows® Powered

CASIO

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CASIO DT-X5

The rugged and powerful data collection terminal with 140 hours operating time.

- Windows® CE®.NET operating system
- Drop resistant to 1.8 m and protected to IP54
- High speed Laser-Scanner or CMOS-Imager
- Bluetooth™
- WLAN

CASIO®

CASIO DT-X5

The DT-X5 series Industrial Handheld Terminal comes with Microsoft® Windows®CE® .NET operating system, an impact resistant, dust and splash proof body and highly improved power saving functionality.

The new series is available in four models. Two of them feature an integrated laser scanner and two of them an integrated CMOS-imager capable of reading industry standard bar code symbologies and Bluetooth™ for wireless data communication. The RC-models also have Wireless LAN integrated, compliant with the IEEE802.11b standard.

Actual size

High speed bar code reading capability with various confirmations

Superb performance in bar code reading has been achieved by using the latest laser scanning engine and improved decoding algorithms. Laser swing angle control is also available. Successful scans can be confirmed with any combination of LED, buzzer or vibration for noisy environments. The industry standard 1D bar code symbologies supported by the scanner include those widely used in most business areas such as EAN, UPC-A/E, NW-7 (CODABAR), CODE39, CODE93, CODE128/EAN128, ITF, MSI, IATA and Industrial 2 of 5 or PDF417 and other 1D stacked barcodes with CMOS-imager.

Dimensions and weight

Approx. 179 (L) x 70 (W) x 41.1 (H) mm
Approx. 250g

Microsoft® Windows®CE® .NET Operating System

Microsoft® Windows® Powered

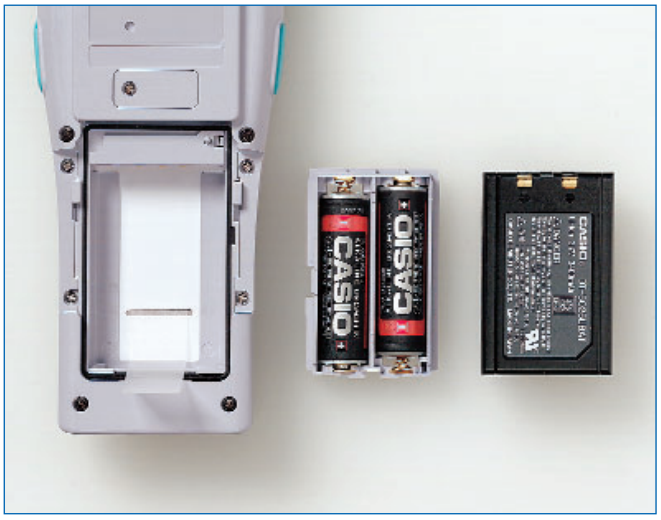
The DT-X5 series uses Windows®CE® .NET 4.1 as its operating system allowing you to connect information, people, systems and devices together. Windows®CE® .NET offers extensive support for wireless communications via Bluetooth™ and Wireless LAN. Application software should be developed using eVC++4.0

Up to 140 hours of continuous operation with alkaline batteries

With two AA alkaline batteries it is possible to operate continuously for up to 140 hours*1 on the DT-X5M10E model. Using the large capacity lithium-ion battery pack*2 on the RC-models, it is possible to operate for 24 hours*3 even when used with a wireless LAN connection. The combination of power efficient components and high level power management functions has made it possible to achieve optimum battery performance. This helps minimize running costs and reduce daily operational costs.

*1 Based on 2 scans per 10 seconds
*2 12 hours with HA-A20BAT battery pack
*3 Standby : scan : wireless = 6.5 : 1.5 : 2

For radio-models lithium-ion battery pack (either HA-A20BAT or DT-5025LBAT) have to be used. Alkaline batteries should not be used in this model. The batch-models can use either type of batteries.



Remote access to host computers using wireless communications

The DT-X5 is available with a choice of standard wireless communications. All models have Bluetooth integrated as standard.

In addition the RC-models are available with built-in IEEE802.11b Wireless LAN* which allows it to seamlessly connect to remote host computers. This makes it ideally suited to warehousing and retail applications where access to real time information is crucial.

* Optional device specific terminal emulation software, developed by Naurtech Corporation, for remote access to host computer systems will be available for the radio-models.

Clear display with white backlight

With a semi-transparent monochrome FSTN LCD, low-temperature tolerance, and white backlight which makes sharp contrast possible, the DT-X5 series ensures a clear view of information displayed on the screen. These features make it possible to operate the terminal on any occasion irrespective of the time of day, temperature, lighting conditions or location.

Rugged durability for inclement weather and harsh handling

With a strong magnesium inner case and tough resin outer case, the DT-X5 series withstands a drop from up to 1.8 meters on to concrete. It operates in temperatures ranging from -20°C to +50°C and meets the IP54 level compliant with the IEC60529 standard for dust and splash protection. This makes it the ideal tool for a variety of tasks and working environments.