

Robust but compact: 3m drop resistance – IP67 – 280g



- Windows® Embedded CE 6.0 R3
- 3.0m drop resistance and IP67
- RFID available
- 280g light and highly ergonomic
- 2.7 inch QVGA-touch display
- NFC user authorisation available

CASIO DT-X8

Smaller, more versatile and even more robust

Whenever you need to scan a lot and scan quickly in a harsh environment, the new CASIO DT-X8 is where it was designed for. The DT-X8 impresses supporters of small, lightweight and ergonomic hand-held devices, as well as those who primarily emphasize reliability and robustness. The DT-X8 was specially developed for the tough working conditions in warehouses. The goal for

the Japanese developers was producing a device with excellent ergonomics under tough conditions, as well as optimum functionality.

On the one hand, the DT-X8 is considerably more compact than traditional warehouse hand-held terminals, and on the other hand, it is clearly more robust than other devices with similar dimensions.

Outstanding robustness



The DT-X8 is shock protected against drops from a height of up to 3 metres onto concrete. This completely covers all impacts and fall heights that typically occur in a warehouse. The terminal withstands dust and temporary immersion in water in accordance with protection class IP67 and it works at temperatures down to -20°C. This guarantees that the device can be used outdoors the whole year, as well as in cold stores, wet areas and in particularly dusty or dirty environments.

Powerful technology

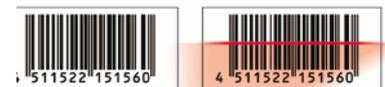
The CASIO DT-X8 comes with a PXA320 processor with a 624-MHz frequency, 128 MB RAM, 256 MB FROM memory and uses Windows® Embedded CE 6.0 R3. With the powerful 2860-mAh lithium-ion battery, this lightweight device, which only weighs 280g, can work up to 18 hours.



Comfortably simple handling, perfect scanning



From the very first glance, the rolling S-shaped design of the DT-X8 suggests excellent ergonomics. This is another device developed by CASIO under the principles of Human-centred Design. Enlarged, easily accessible keys for the basic functions make the device easy to use with one hand, particularly when scanning – with or without gloves. The optional CMOS-Imager reads a wide range of 1D and 2D codes, including the latest GS1-DataBar and QR-codes. Three ergonomic scan buttons – one in the middle and one each on the left and right side of the housing – enable both right-handed and left-handed users to hold the device in different



working positions and work with the least possible hand and finger movement. The scan direction points diagonally downwards for intuitive, fast scanning, allowing the user to read the display during the scanning process. If adjacent barcodes are scanned, the laser focus function shows the user which barcode is being scanned by briefly illuminating it red. Scan confirmation using a vibration function provides additional security.



Energy-saving, high-contrast touch screen

The high-contrast colour display of the DT-X8 with LED back-light enables user-friendly data input via the touch screen. The user can operate softkeys or capture signatures on the display itself. The particularly translucent BlanView® display provides optimum readability in darkness and in strong sunlight whilst at the same time extremely low power consumption.



Unlimited wireless communication

For data exchange, the DT-X8 is equipped with Bluetooth® 2.0 with EDR, WLAN (IEEE802.11b/g) and WPA2 encryption as standard. Thanks to the built-in microphone and loudspeaker, users can handle VOIP calls and record memos.

Complete bundle as standard

For the first time, CASIO is offering the DT-X8 as a complete set — with all the accessories required for immediate use: 2860-mAh battery with mains adapter, USB cable, communication (USB) and charger adapter, wrist strap and stylus.



General Guide /Options



Specifications				
Model	DT-X8-10E	DT-X8-11E	DT-X8-21E	DT-X8-20E
CPU	Marvell® PXA320 624MHz			
OS	Microsoft® Windows® Embedded CE 6.0 R3 English Version			
Durability	Drop Durability	3.0m		
	Dust/Splash-Proof	IP67 (compliant with IEC60529 standard)		
	Operating Temperature	-20°C to 50°C		
Memory	RAM	128MB		
	ROM	256MB (User area: Approx.160MB)		
Display	LCD	BlanView® TFT Color LCD with Touch Panel 6.9cm (2.7 inches) QVGA (240x320 pixel)		
	Indicator	Indicator 1: Battery charging status Indicator 2: Scanning and wireless communication status		
Input	Keyboard	32 keys, numeric (Alphabet) keys, CLR key, execute key, cursor keys, power key, Fn key, F1 to F8 keys, L/R keys		
	Trigger	3 (at center, left, and right)		
	Touch Panel	Yes (Resistive type)		
NFC	Standard	NFC Interface Protocol-2 (ISO21481)		
	Carrier Frequency	13.56MHz		
	RFID tag	ISO15693 I-CODE SLI, Tag-it and my-d		
	Contactless Smart Card Reader/Writer	ISO14443 Types A/B and FelCa technology		
Scanner	Type	Semi-conductor Laser		C-MOS Imager
	Resolution	0.127mm		1D: 0.15mm, Stacked: 0.169mm, Matrix: 0.25mm
	1D	GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, Code128/GS1-128 (UCC/EAN128), Code93, Code39, EAN8, EAN13, UPC-A, UPC-E, Codabar (NW-7), IATA, MSI, Interleaved 2of5 (ITF), Industrial 2 of 5		GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, Code128/GS1-128 (UCC/EAN128), Code93, Code39, Code11, EAN8, EAN13, UPC-A, UPC-E, Codabar (NW-7), IATA, MSI, Interleaved 2 of 5 (ITF)
	Stacked	GS1 DataBar Stacked, GS1 DataBar Expanded Stacked		GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, Code49, PDF417, Micro PDF, Composite, Codablock F, TLC39
	Matrix			Aztec, DataMatrix, Maxicode, QR Code
Wireless LAN	Standard	IEEE 802.11b (Maximum: 11Mbps), IEEE 802.11g (Maximum: 54Mbps)		
	Security	WPA2 / AES		
Interface	Bluetooth®	Bluetooth® Version 2.0+EDR compatible		
	Card Slot	microSD Memory Card (SDHC) x 1		
	USB	Version 1.1 (Host/Client)		
	Audio	Microphone: Built-in (monaural), Speaker: Built-in (monaural)		
Power	Main Power	Large-capacity lithium-ion battery pack (Operating period: Approx. 25 hours)		Large-capacity lithium-ion battery pack (Operating period: Approx. 20 hours)
	Memory Backup	Lithium-ion battery (rechargeable) on board		
Vibrator	Comes standard			
External Dimensions (WxDxH)	Approx. 65.7 (57.4*) x 187.0 x 32.4 (35.0*) mm *The figure indicates the grip part.			
Approx. Weight	Approx. 280g	Approx. 285g	Approx. 285g	Approx. 280g
	Including lithium-ion-battery pack			



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