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

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

CASIO®

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 allimpacts 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

Receiver

Status LED

Laser-Scanner/ CMOS-Imager

Screen

Scanner 1D / 2D
Warehouse Applications
Signature Capture
WLAN Bluetooth®

Laser-Scanner / CMOS-Imager

microSD Card Slot

Trigger Key

Expansion Port

Trigger Key

Power on/off

Center Trigger Key

Battery Case

Cursor Key

Keyboard

Color Coded Function Keys

Screen Protect Sheet
HA-K90PS5

Lithium-ion battery
HA-K23XLBAT

Left Side

Right Side

USB and Charging Unit HA-K65US	USB Cable DT-380USB-A	USB Cradle HA-K60IO	USB/Ethernet Cradle HA-K62IO	Dual Battery Charger HA-F32DCHG	Double Charging Cradle HA-K36DCHG

AC Adapter
AD-S15050BE

AC Adapter
AD-S42120BE

AC Adapter for Double Cradle
AD-S90190C

Hand Belt
HA-K95HB

Specifications

Model		DT-X8-10E	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 5.9cm (2.7 inches) QVGA (240x320 pixel)	
	Indicator	Indicator 1: Battery charging status Indicator 2: Scanning and wireless communication status	
Input	Keyboard	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)	
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	mircroSD 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. 20 hours*)	Large-capacity lithium-ion battery pack (Operating period: Approx. 18 hours*)
	Memory Backup	Lithium-ion battery (rechargeable) on board	
Vibrator		Comes standard	
External Dimensions (WxDxH)		Approx. 65.7 (57.4*) x 187.0 x 41.2mm * The figure indicates the grip part.	
Approx. Weight		Approx. 280g (Including lithium-ion battery pack)	