

Smart, simple, reliable



- Up to 200 working hours
- 2m drop resistance and IP67
- Light and highly ergonomic (Human-centred Design)
- Bluetooth® HID support

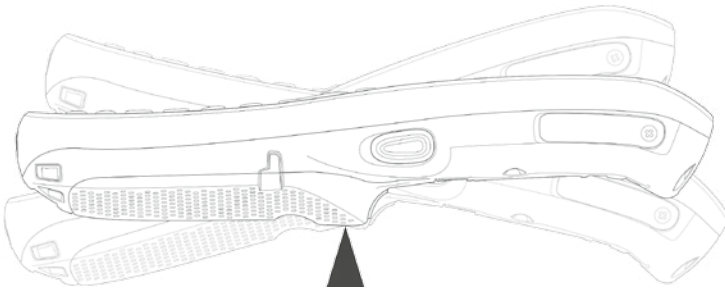


Sometimes less is more.

The uncomplicated handheld device: Scanning and data transfer made easy – at any time, in any location.

Human-centred Design – ergonomic, relaxed, intuitive.

When it came to designing the DT-970, it was clear from the very beginning that the focus lay on people: The device is very comfortable to hold and has been optimised for effortless one-handed operation.



The convenient balance point of the DT-970 allows the device to be held comfortably. The sophisticated design and the non-slip surface allow a relaxed and secure grip, meaning that the movements required to perform are easy to produce.

The fingers rest on the device effortlessly – regardless of whether the user is male or female, left-handed or right-handed. As a result, operators are able to find the required scanning angle in an intuitive manner. Three different buttons can be used to trigger scanning, meaning comfortable, quick and precise scanning is virtually pre-programmed.



Robust, reliable and ready to use at any time

The large, backlit keypad allows the device to be used reliably even in the most challenging lighting conditions. The easily distinguishable colours of the housing and the application keys are particularly advantageous when faced with such scenarios.

The DT-970 features an easy-to-read 2.3 inch backlit LCD display with a resolution of 128 x 128 pixels. If required the device offers the option to double the character size for better readability. Potential malfunctions can be indicated by a red flashing

backlight. The specifications of the DT-970 enable the device to be used easily at any location where no complex infrastructure is available. Potential applications include compiling inventories, preparing orders and checking incoming goods. In such instances, no Wi-Fi network or charging cradle infrastructure is required. Two AA alkaline batteries are all that is needed to use the device. The collected data can be read out via USB, Bluetooth®, IrDA or Ethernet. The device is able to withstand being dropped onto

concrete from heights of up to two metres, meaning it is protected from the impacts, knocks and drops from heights that typically occur on a day-to-day basis while performing heavy-duty work. Thanks to the dust and splash protection in accordance with IP67, the device can be used in environments where many other devices would malfunction within a short time. The device can be used within a large temperature range, from -20 to +50°C, allowing outdoor use all year round or applications in cold storage locations.



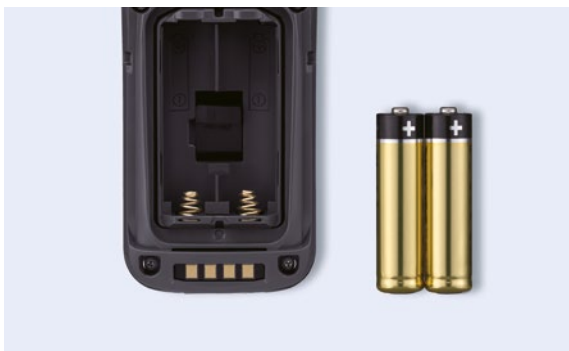
Drop resistant



Waterproof



Dustproof



Pure power for operating periods of up to 200 hours

Thanks to a sophisticated power management system, the DT-970 is ideally suited for long-term use. Two alkaline batteries (AA) are sufficient for the device to achieve an operating period of up to 200 hours. In addition to the widely available and simple-to-replace AA batteries, the device can also be operated using rechargeable NiMH batteries.

The perfect scanning angle for each application

Two models are available, each of which is characterised by a different scanning angle. As a result, the ideal device can be selected to match the intended application spectrum. In addition, the scanner features a configurable laser-beam width, ensuring scans are performed quickly and with a minimum degree of error even while scanning barcodes that are positioned close together.



Horizontal scanner



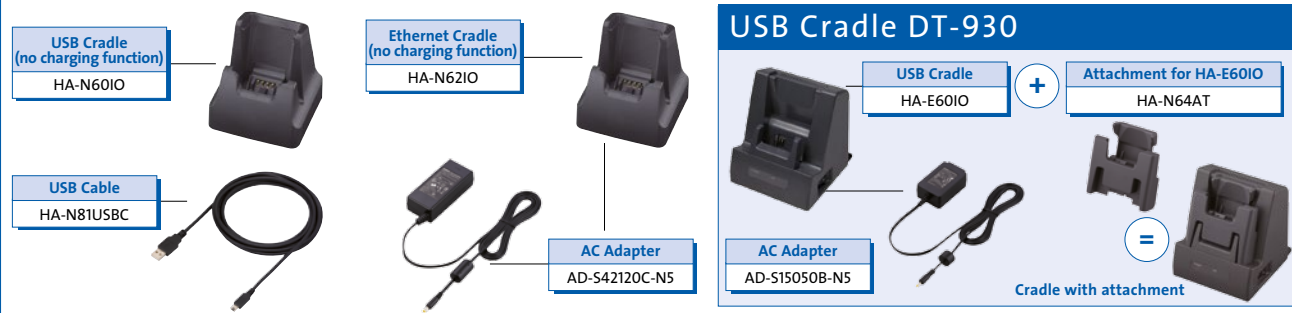
Angled scanner



Scanning data into running applications

The DT-970 is equipped with Bluetooth® HID – for fast and simple data transfers between the DT-970 and tablets or PCs. This functionality opens up many interesting potential applications, especially when it comes to simple data-capture processes. For example, the DT-970 can be deployed as an externally connected scanner using Bluetooth® or USB connection, allowing the operator to scan data into standard applications that are already running.

General Guide/Options



Specifications

Model		DT-970M50E	DT-970M51E
CPU		32-bit CPU	
Durability	Drop durability	2.0m	
	Dust/splash-proof	IP67 (compliant with IEC60529 standard)	
	Operating temperature	-20°C to +50°C	
Memory	RAM	8MB (user area: approx. 3MB)	
	ROM	32MB (user area: approx. 28MB)	
Display	LCD	5.8cm (2.3 inch) 128x128 pixel FSTN monochrome LCD	
	Status LED	(blue, green, red)	
Input	Keyboard	Power on/off Key, CLR Key, BS Key, Text-/Numbers Key, Side Trigger Keys, Center Trigger Key, L/R Multifunction Keys, Cursor Key, Numeric (Alphabet) Keys, F1 to F8 Function Keys, Reset Key	
	Trigger Keys	3 (center, left, right)	
Interfaces	Bluetooth®	Bluetooth® Ver. 2.1+EDR (Class2)	
	Infrared	IrDA Version 1.0 compatible (115.2kbps max.)	
	Card slot	microSD memory card (SDHC)	
	USB (Micro-B)	USB 2.0	
Scanner	Type	Laser Scanner	
	Resolution	0.127mm	
	Laser alignment	Angled	Horizontal
	Readable distance	45mm to 550mm	40mm to 550mm
	1D	GS1 DataBar Omnidirectional, GS1 DataBar Truncated, 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 2 of 5 (ITF), Industrial 2 of 5	
	Stacked	GS1 DataBar Stacked, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked Omnidirectional	
Power	Main power	2x alkaline batteries size AA	Approx. 200 hours *1
		2x rechargeable NiMH batteries size AA	When using rechargeable batteries only NiMH batteries are approved by CASIO.
	Memory backup	1x CR2032	Memory backup approx. 20 days *2
Vibrator		Standard	
External dimensions (WxDxH)		~ 54.0 (52.0) x 173.5 x 25.0 (26.9)mm (outside handle)	
Weight		Approx. 215g (incl. 2x alkaline batteries)	

*1 When operated at room temperature and on the condition that two scans are performed within ten seconds.

*2 Memory backup at room temperature — the specified time applies if the memory-backup battery alone is used to power the memory backup.