

# „Yes We Scan“

## The new DT-X30R-50C with All-Range-Imager



- All-Range-Imager for near and far distance scans
- Reads 1D and 2D barcodes
- Digital camera with autofocus and LED flash
- Bluetooth® and wireless LAN integrated
- 12 function keys for a terminal emulation
- Trigger grip as an option

# CASIO DT-X30R-50C

The DT-X30R-50C is extraordinarily rugged and perfectly suitable for the use in all industry, logistic or retail warehouses.

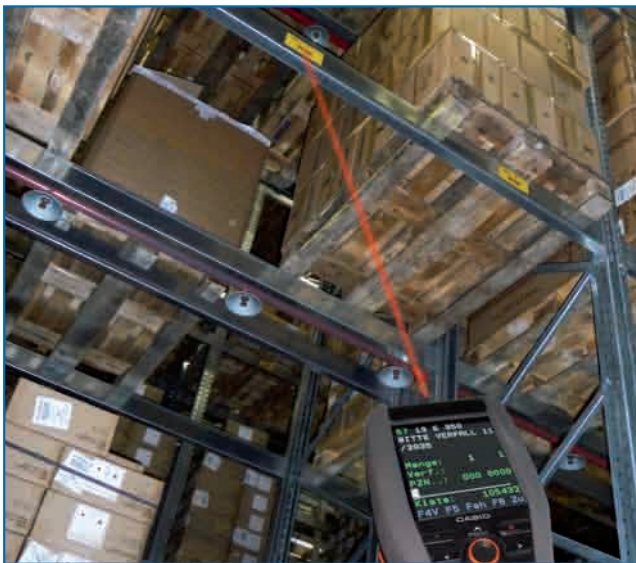
The new DT-X30R-50C terminal which was developed on the basis of the successful DT-X30 offers a group of function keys which especially meets the demands of users of a 5250/3270 terminal emulation. The highlight of the device is the all range imager with the latest autofocus technology which offers a unique lens system without long

focusing times. Hereby the different types of ident codes can be captured fast, secure and without any mistakes – no matter if scanned from near or far distance. The optional trigger grip allows an alternative ergonomic handling for the user and pinpoint scanning. Furthermore the device offers a high resolution digital camera with autofocus and LED flash e.g. for the capturing of transport damages.



## All-Range-Imager

The newly developed unique autofocus CMOS imager of the DT-X30R-50C reads all popular ident codes in an extremely large distance range. With the slightly downward bend scan direction and the optional available trigger grip as well as the exact laser pointer a fast and reliable scanning is possible. Even from challenging angles and far distances. Two dimensional codes with a high



data amount like DataMatrix, Aztec, PDF417, QR-Codes as well as damaged codes are no barrier for the imager that is integrated in the front of the device. Three different scanner keys as well as the key at the trigger grip allow a convenient handling with one hand and usage without tiring effect on the hand.

## Integrated autofocus digital camera

No matter if signed delivery documents, loading condition of a truck or a damaged parcel: The DT-X30R-50C captures all subjects fast and reliably with a high resolution, autofocus and flash – even under bad light conditions. The images can be transferred immediately to the server by using wireless LAN.



## High-performance system

The DT-X30R-50C offers with the PXA320 processor and 624 MHz clock speed, 128 MB RAM, 128 MB FROM memory as well as the hardware independent operation system Windows Embedded CE 6.0 R2 an excellent basis for the simple development of customized software solutions as well as the integration in existing applications.



## Ergonomic, lightweight and extremely robust



Rough handling with possible thrusts and hits are also no problem: The DT-X30R-50C survives multiple drops from the height of 1,8 meters on concrete. With dust and water immersion protection according to the IP67 class against temporary submersion, dirt and humidity are no problem. Also the working temperature range between -20° C and +50° C allows the use of the terminal in a large variety of environments. The 8,89 cm transfective color LCD with 240 x 320 pixel is produced by CASIO. No matter if in glaring sunlight or a dark corner in the warehouse – it stays readable under all light conditions. With the touch pen a user friendly data entry via the scratch resistant tactile screen as well as the capturing of signatures is possible. The device feels at home where fast pinpoint scanning is necessary and mobile real-time communication as well as image capturing is needed.

## General Guide /Options





## Specifications

Model-DT-X30R-50C			
CPU		PXA320 624MHz	
OS		Microsoft® Windows Embedded CE 6.0 R2 · English Version	
Memory	RAM	128MB	
	F-ROM	128MB	
Autofocus	Resolution	1D: 0,127 mm · 2D: 0,127 mm (Stacked) · 0,169 mm (Matrix)	
CMOS	Readable Distance*	Scan distance depends on the quality and type of the barcode and the light conditions	
Imager	Readable codes	1D	GS1 DataBar Omnidirectional (RSS-14), GS1 DataBar (RSS) Limited, GS1 DataBar (RSS) Expanded, GS1-128 (UCC/EAN128), Code128, Code93, Code39, Code11, EAN, UPC A/E, Codabar (NW7), ITF, MSI (Plessey), IATA, ISBTGS1
		Stacked	GS1 DataBar (RSS-14) Stacked, GS1 DataBar (RSS-14) Stacked Omnidirectional , GS1 DataBar (RSS) Expanded Stacked, PDF417, Micro PDF, Composite, Codablock F, Code 32
	Matrix	Aztec, DataMatrix, Maxicode, QR Code	
Display	CASIO-Super-LCD	Transflective TFT, Color-LCD with touch panel	
	Size	8,89 cm, resolution: 240x320 QVGA, 65.536 colors	
	Background lighting	LED technology	
Input	Keyboard light	34 keys, 3 scanner keys (center, left & right), colored F1-F3 keys, 12 / 24 function keys	
	Background light	LED technology	
Digital camera	Resolution	2 mega pixel CMOS	
	Focus	autofocus	
	Other functions	LED flash	
Interfaces	Wireless LAN	IEEE802.11b (Max.11 Mbps), IEEE802.11g (Max.54 Mbps)	
	Bluetooth	Bluetooth® Version 2.0 + EDR	
	SD-Slot	microSD (SDHC)	
	Infrared	IrDA 1.3 (max. 4 Mbps)	
	Serial	USB (Host / Client, only Cradle)	
Audio		Buzzer, Speaker (mono), Microphone (mono)	
Power supply	Battery	Lithium-ion battery: 7.4V / 2000mAh: about 18 hours	
	Back-up-battery	Lithium battery (rechargeable)	
Dimensions		Ca. 87 × 242 × 46 mm (L x B x H)	
Weight		about 560g	
Durability	Water / Splash proof	IP67	
	Drop Durability	1,8m	
	Operating Temperature	-20° C to +50° C	

\*Depending on the used barcode, barcode resolution and light conditions.

Guaranteed distance: 1D: 150 - 270 mm (0,127 mm), 270 - 580 mm (0,25 mm), 360 - 2.250 mm (1,0 mm)  
Stacked: 140 - 250 mm (0,127mm), 150 - 580 mm (0,254 mm)  
Matrix: 130 - 190 mm (0,169 mm), 130 - 540 mm (0,381 mm)



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