

Model Overview:		DT-X100-10E	DT-X100-20E
Laser Scanner		•	
CMOS Imager			•
WLAN		•	•
Microsoft® Windows® Embedded Compact 7		•	•
Specifications:		DT-X100-10E	DT-X100-20E
Model Name		CASIO DT-X100 series	
CPU		Marvell® PXA320, 806 MHz	
Operating System		Microsoft® Windows® Embedded Compact 7 (english version)	
Memory	RAM	256 MB	
	ROM	512 MB	
Display	Size	2,4 inch (61 mm) diagonal	
	Resolution	240 x 320 pixels, QVGA, 65.536 colours	
	Technology	TFT colour LCD with LED backlight	
	2 LED Indicators	1: Battery charging status (red, orange, green) 2: Communication/ scan/ application status	
Input	Keyboard	10 numeric keys with phone keypad characters, 8 function keys (4 colored), Enter key, Cursor keypad, CLR key, ▲ key, ▼ key, On-/Off key	
	Scan Trigger	3 large scan release buttons (center, left and right)	
Wireless Communication	WLAN	IEEE 802.11 a/b/g/n (max. 65 Mbit/s), security standard and encryption WPA2/AES	
	Bluetooth®	Version 2.1 + EDR (max. 2,169.6 kbit/s data rate), backward compatible to version 2.0 and 1.2	
Interfaces	Infrared	SIR printer interface	
	USB Contacts	Version 1.1 (Host / Client), USB connection only with docking station	
Audio		Built-in microphone (mono) and speaker for signals and alarms etc.	
Vibrating Signal		Confirms successfully decoded ident codes	
Optoelectronic Ident Code Reader	Model	Scanner	Imager
	Type	Laser diode, scan rate approx. 100/s	CMOS Imager, 832 x 640 px
	Resolution	Barcodes: 0.127 mm Stacked: 0.127 mm	Barcodes: 0.127 mm Stacked: 0.169 mm Matrix: 0.191 mm
	Reading Distance	Approx. 40 to 550 mm	From a distance of a few millimeters to several meters, depending on size and print quality of the ident code
	Aimer	—	Laser beam 650 +10/-5 nm, 1 mW or less
	Readable 1D Symbologies	EAN-8, EAN-13, UPC-A, UPC-E, ITF 2/5-Interleaved, Codabar (NW-7), Code11, Code32, Code39, Code93, Code128, GS1-128 (UCC/EAN128), MSI, ISBT, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded and 2/5-Industrial (only laser scanner version)	
	Readable 2D Stacked-Codes (stacked 1D-Codes)	GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked	GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, PDF417, Micro PDF, Composite, Codablock F
	Readable 2D Matrix-Codes	—	DataMatrix, Maxicode, QR-Code, Aztec-Code, Micro QR
Power	Operation	3.7 V lithium-ion battery pack, standard: 1,100 mAh (for approx. 10 to 15 hours operating time), large: 1,880 mAh (for approx. 15 to 25 hours operating time)	
	Memory Backup	Integrated lithium-ion battery	
Environment	Drop Durability	Drop height: 1.50 m onto concrete (1.0 m without bumper)	
	Dust / Water Durability	IP54 protection class, IEC 60529 compatibel (protection against ingress of dust and splashing water on all sides)	
	Operating Environment	Temperature range -20 to +50 °C, relative humidity 10 to 80 % (no condensation)	
Dimensions (W x H x D)		51 x 169 x 30 mm (basic device size, without bumper),	
Weight		Approx. 165 g with standard battery, approx. 185 g with large battery	



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