

Model Overview:		IT-G500-15E	IT-G500-G15E	IT-G500-C16E	IT-G500-GC16E	IT-G500-25E	IT-G500-C26E	IT-G500-GC26E	IT-G500-C21E	IT-G500-GC21E
Laser Scanner		•	•	•	•					
CMOS Imager						•	•	•	•	•
Camera				•	•		•	•	•	•
RFID / NFC Functionality				•	•		•	•	•	•
WWAN Data Communication			•		•			•		•
WWAN Telephony			•		•			•		
Microphone / Receiver			•	•	•		•	•	•	•
Expansion Port				•	•		•	•	•	•
Windows® Embedded Handheld 6.5		•	•	•	•	•	•	•		
Windows® Embedded Compact 7									•	•
Specifications:										
Model Name		CASIO IT-G500 series								
CPU		ARM® Cortex®-A9, 1,5 GHz, dual-core								
Operating System (model dependent)		Microsoft® Windows® Embedded Compact 7 / Embedded Handheld 6.5 (english versions)								
Memory	RAM (model dependent)	1 GB in versions with WEC 7 / 512 MB in versions with WEH 6.5								
	ROM	4 GB								
Display	Size	4.3 inch (110 mm) diagonal								
	Resolution	480 x 800 pixels, WVGA, 16,700,000 colours								
	Technology	TFT colour LCD with LED backlight and touch panel								
	2 LED Indicators	1: Battery charging status (red, orange, green) 2: Communication/ scan/ application status (blue, orange)								
Input	Keyboard	10 numeric keys with phone keypad characters, 4 function keys (colored), Enter key, Cursor keypad, CLR key, Fn key, Font key, (-) and (.) keys (all backlit), On-/Off key								
	Scan Trigger	3 large scan release buttons (center, left and right)								
	Touch-screen	Industrial touch panel (scratch-resistant) with resistive touch								
Wireless Communication	WLAN	IEEE 802.11 a/b/g/n (max. 65 Mbit/s), security standard and encryption WPA2/AES								
	WWAN (model dependent)	3G: HSPA, UMTS (900/2100 MHz), EGPRS (EDGE), GPRS, GSM (850/900/1800/1900 MHz)								
	Bluetooth®	Bluetooth® integrated + EDR								
	GPS (model dependent)	12 Chanel Receiver, NMEA-0183, standard in versions with WWAN								
Interfaces	Memory Card Slot	Compatible with microSD memory cards (SDHC)								
	SIM Card Slot	Compatible with microSIM cards, standard in versions with WWAN								
	Expansion Port	Electrical and mechanical connection for external hardware modules								
	USB Port	Version 2.0 (host / client), USB connection with docking station or Micro-USB AB connector								
	Headset Connector	3.5 mm jack for earphone and microphone								
Digital Camera (model dependent)		Photo / video, resolution 5.0 MPx, lens (f = 3.53 mm, 1:2.8), autofocus and LED flash								
Audio		integrated microphone and receiver for telephony (model dependent), speaker for signals and alarms etc.								
Vibrating Signal		Confirms successfully decoded ident codes								
Laser Scanner (model dependent)	Technology	Laser diode, resolution 0,127 mm, scan rate approx. 100/s								
	Reading Distance	Approx. 40 to 550 mm								
	Readable 1D Symbologies	EAN-8, EAN-13, UPC-A, UPC-E, ITF 2/5-Interleaved, Codabar (NW-7), Code11, Code 32, 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								
	Readable 2D Stacked-Codes	GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked								
Imager (model dependent)	Technology	Autofocus CMOS imager, resolution 832 x 640 px, 1D = 0.127 mm, Stacked = 0.169 mm, Matrix = 0.191 mm								
	Reading Distance	50 - 400 mm, depending on type (1D / 2D), size and print quality of the ident code								
	Aimer	Laser beam 650 +10/-5 nm, power 1 mW or less								
	Readable 1D Symbologies	Selection as in the laser scanner version, but without 2/5 Industrial Code								
	Readable 2D Stacked-Codes	Selection as in the laser scanner version, plus PDF417, Micro PDF, Composite, Codablock F								
RFID / NFC Functionality (model dependent)	Technology	DataMatrix, Maxicode, QR-Code, Aztec-Code, Micro QR								
	NFC Standards	Reader / writer, NFC interface, protocol-2 (ISO 21481), frequency 13.56 MHz								
	RFID Standards	ISO 14443 Typ A/B, Mifare®, FeliCa®								
Power	Operation	3.7 V lithium-ion battery pack: standard = 1,850 mAh, large = 3,700 mAh								
	Memory Backup	Integrated lithium battery								
Environment	Drop Durability	Drop height: 1.50 m onto concrete								
	Dust / Water Durability	IP67 protection rating, IEC 60529 compatible (dust-proof and water-resistant against temporary submersion)								
	Operating Environment	Temperature range -20 to +50 °C, relative humidity 10 to 90 % (no condensation)								
Dimensions (W x H x D)		Approx. 74 x 175 x 22 mm (basic device size)								
Weight (with standard battery)		Approx. 245 to 270 g (WWAN model)								

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