

Model Overview:		IT-9000-05E-C	IT-9000-25E-C	IT-9000-G05E-C	IT-9000-G25E-C	IT-9000-GC25E-C	IT-9000-GMC25E-C	IT-9000-E-C	IT-9000-GE-C	IT-9000-G20E-C
CMOS Imager			•		•	•	•			•
Digital Camera						•	•			
NFC / RFID Functionality		•	•	•	•	•	•	•	•	•
Magnetic Card Reader							•			
WWAN and GPS				•	•	•	•		•	•
Windows® Embedded Handheld 6.5		•	•	•	•	•	•			
Windows® Embedded CE 6.0								•	•	•
Specifications:										
Model Name		CASIO IT-9000 series								
CPU		Marvel® PXA 320, 806 MHz								
Operating System (model dependent)		Microsoft® Windows® Embedded CE 6.0 / Embedded Handheld 6.5 (english versions)								
Memory		RAM / ROM		512 MB / 512 MB						
Display		Size		3.7 inch (94 mm) diagonal						
		Resolution		480 x 640 pixels, VGA, 65.536 Colours						
		Technology		Blanview® 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, BS key, CLR key, Menu key, Fn key, "00", "-" and "." keys (all backlight), On-/Off key						
		Scan Trigger		2 scan release buttons (left and right)						
		Touch-screen		Industrial touch panel (scratch-resistant) with resistive touch						
Wireless Communication		WLAN		IEEE 802.11 b/g/n (2.4 GHz), 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 SD memory cards (SDHC, SDIO) max. 32 GB						
		SIM Card Slot		Compatible with SIM cards, standard in versions with WWAN						
		SAM Slot (model dependent)		ISO 7816 IC card standard, 3 Slots standard, in versions with WWAN only 2 slots available						
		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								
Audio		integrated microphone and speaker for signals and alarms etc.								
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						
		Vibrating Signal		Confirms successfully decoded ident codes						
		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 and GS1 DataBar Expanded						
Readable 2D Stacked-Codes		GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked PDF417, Micro PDF, Composite and Codablock F								
Readable 2D Matrix-Codes		DataMatrix, Maxicode, QR-Code, Aztec-Code and Micro QR								
Digital Camera (model dependent)		Photo / video, resolution 2.0 MPx, lens (f = 3.45 mm, 1:2.8), autofocus and LED flash								
Magnetic Card Reader (model dependent)		sided reading head, 3 tracks, F2F format ISO 7811-2 /6								
NFC / RFID Functionality		Technology		Smartcard reader / writer, NFC interface, frequency 13.56 MHz						
		NFC Standards		ISO 14443 Typ A/B, Mifare®, FeliCa®						
		RFID Standards		ISO 15693, I-CODE, SLI®, Tag-It®, my-d®						
Printer		Technology		Integrated matrix printing mechanism for thermal paper and labels on rolls (up to 44 mm in diameter) with bidirectional paper feed for optimised printing and tear-off edge						
		Print / Paper Size		Up to 72 mm print width with 80 mm wide rolls, 48 mm print width with 58 mm rolls						
		Speed, Print Mode		28 lines per second, normal (black on white), negativ (white on black), 5 font sizes and ID codes						
		Block Code Reader		Sensor for detecting the position of paper and controlling the amount of printed receipts						
Power		Operation		7.4 V lithium-ion battery pack: HA-G20BAT 2,000 mAh						
		Memory Backup		Integrated lithium battery						
Environment		Drop Durability		Drop height: 1.50 m onto concrete						
		Dust / Water Durability		IP54 protection rating, IEC 60529 compatible (protection against ingress of dust and splashing water on all sides)						
		Operating Environment		Temperature range -20 to +50 °C, relative humidity 10 to 90 % (no condensation)						
Dimensions (W x H x D)		Width at printer 112 mm, at grip 78 mm, height 253 mm (w/o MCR), depth at printer 66 mm, at grip 37 mm								
Weight (with battery, without paper roll)		Approx. 590 to 675 g (model dependent)								

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