

FOR IMMEDIATE RELEASE

## Casio Releases a New Rugged All-In-One Handheld Terminal with Integrated Printer

*For Mobile Point-of-Sale (POS), Meter Reading, Car Parking Enforcement, Proof of Delivery (POD), Field Force Automation and Queue Busting Operations.*



IT-9000 with 2D imager



IT-9000

LONDON, November 29, 2011 — Casio Computer Co., Ltd., announced today that it plans to release the IT-9000 Handheld Printer Terminal in February 2012. This new model is ideally suited for operations that require on the spot printing, such as receipts for mobile retail transactions, receipts and tickets for public transportation, and the issuance of tickets for parking and traffic violations.

The IT-9000 is an all-in-one handheld printer terminal equipped with a built-in thermal printer and near field communication (NFC) reader/writer designed for contactless smart cards and radio-frequency identification (RFID) tags. Options include a C-MOS Imager for scanning 1D and 2D symbologies, a magnetic card reader, 3G wireless WAN capable of high-speed downlink packet access (HSDPA), GPS capabilities, and a colour auto-focus digital camera.

The IT-9000 can read data that has been recorded on cards or tags, and scan barcode symbologies printed on labels or other materials. It can also access data via wireless WAN or wireless LAN and print tickets, receipts or labels using the fast integrated thermal printer.

The IT-9000 allows users to send images captured with its built-in auto-focus colour digital camera, data such as positional information determined using the GPS function and records of issued tickets and receipts to back office systems.

Designed with superior security, the IT-9000 can be used securely for solutions where important information is handled. If the device is lost or stolen, the data it holds can be erased remotely via a command sent by an administrator over the wireless WAN network. The NFC reader/writer can be used to verify an operator's login credentials using a contactless smart card. Secure Access Module (SAM) slots are available on-board for use if even higher security is required.

The IT-9000 features a 9.4-centimeter (3.7-inch) VGA Blanview LCD with touch panel that delivers excellent visibility both indoors and outdoors yet consumes far less power than conventional LCDs. The device is compliant with IP54 dustproof and splash proof standards, and it can withstand drops of up to 1.5 meters, making it suitable for deployment in a wide variety of challenging environments.

- Integrated, fast thermal printer enables on the spot issuing of tickets, receipts, and other documents
- GPS and HSDPA-capable 3G wireless WAN with high-speed data transfer up to 7.2Mbps downstream
- The 802.11b/g standard wireless LAN is ideal for sending and receiving data in office or depot environments, particularly when reports are uploaded for processing after operators return from working in the field.
- Equipped with an NFC reader/writer for contactless smart cards and ISO 15693 approved RFID tags
- The C-MOS Imager can read 1D and 2D barcode symbologies with high speed and accuracy
- 2.0-megapixel digital camera with an auto focus function
- The magnetic card reader can be used for credit card transactions

Casio's IT-9000 series features a line-up of six models, all of which can be used in a wide variety of operations that require printing on the spot, including usage as a mobile point-of-sale (POS) terminal that can issue: electricity, gas, or water meter reading slips; sales invoices and bills issued at a visit site; and receipts for customers onsite.

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**IT-9000 Series Specifications**

Model	GMC25E		GC25E	G25E	25E	G05E		05E	
<b>CPU</b>	Marvell PXA320 624MHz								
<b>Operating System</b>	Microsoft Windows Mobile 6.5 English Version								
<b>Memory</b>	<b>RAM</b>	256MB							
	<b>FROM</b>	256MB							
<b>Display</b>	<b>Display</b>	9.4cm (3.7inches) Blanview Color LCD with Touch Panel							
	<b>Resolution</b>	VGA (480 x 640 dots) 65,536 colors							
	<b>Backlight</b>	LED							
	<b>Indicator</b>	Indicator 1: Battery charging status, Indicator 2: Operating status							
<b>Printer</b>	<b>Printing Method</b>	Thermal line dot							
	<b>Paper Width</b>	80 mm or 58 mm							
	<b>Printing Width</b>	72 mm or 48 mm							
	<b>Speed</b>	28 lines per second (while printing Kanji characters)							
	<b>Paper</b>	Roll paper, Label paper							
	<b>Total number of Print dots</b>	576 (if printed on 80 mm width paper)							
	<b>Character Size</b>	Free double-width characters							
	<b>Font Type</b>	ANK, Symbolgies (UPC-E, NW-7, Code39, Code128), OCR-B, user-defined characters x 128							
	<b>Sensor</b>	Positioning for printing							
<b>C-MOS Imager</b>	<b>Type</b>	Wide VGA (752 x 480) Monochrome Area Sensor,							
	<b>Aimer</b>	Laser 650+10/-5nm, 1mW or less							
	<b>Resolution</b>	1D: 0.15mm, Stacked: 0.169mm, Matrix: 0.25mm							
	<b>1D Symbolgies</b>	GS1 DataBar Omnidirectional (RSS-14), GS1 DataBar Truncated (RSS-14 Truncated), GS1 DataBar Limited (RSS Limited), GS1DataBer Expanded (RSS Expanded), Code128/GS1-128 (UCC/EAN128), Code93, Code39, Code11, EAN8/13, UPC-A, UPC-B, Codabar (NW7), Interleaved 2 of 5 (ITF), MSI (Plessey), IATA, Code32, ISBT							
	<b>Stacked Symbolgies</b>	GS1 DataBar Stacked (RSS-14 Stacked), GS1 DataBar Stacked Omnidirectional (RSS-14 Stacked Omnidirectional), Code49, PDF417, MicroPDF, Composite, Codablock F, TLC39							
	<b>Matrix Symbolgies</b>	Aztec, DataMatrix, Maxicode, QR Code, microQR, Han Xin Code							
<b>RFID</b>	<b>Frequency</b>	13.56MHz							
	<b>Smart Card</b>	ISO14443 Type A / ISO14443 Type B / Felica							
	<b>RFID Tag</b>	ISO15693							
	<b>Secure Access Module Slots</b>	2 slots		3 slots		2 slots		3 slots	
<b>Wireless Communication</b>	<b>Wireless LAN</b>	Bluetooth version 2.0 + EDR							
	<b>Wireless WAN</b>	HSDPA / UMTS / EGPRS (EDGE) / GPRS / GSM (850 / 900 / 1800 / 1900MHz)			-		HSDPA / UMTS / EGPRS (EDGE) / GPRS / GSM (850 / 900 / 1800 / 1900MHz)		-
	<b>GPS</b>	12 channel-receiver			-		12 channel-receiver		-
	<b>Digital Camera</b>	<b>Imaging Element</b>	2.0 mega pixels C-MOS		-		-		-
	<b>Function</b>	Auto focus, LED flash							
<b>Magnetic Card Reader</b>	<b>Standard</b>	ISO Tracks 1, 2 and 3 (ISO/IEC 7811-2 2001)		-		-		-	
<b>Input</b>	<b>Keyboard</b>	Numeric (Alphabet) keys, Double zero key, - key, Decimal key, MENU key, Fn key, F1 to F4 keys, CLR key, BS key, ENT key, Cursor keys, Power key							
	<b>Touch Panel</b>	Left Trigger key, Right Trigger key Left Program key, Right Program key							
<b>Interface</b>	<b>Serial</b>	USB (Host, Client) x 1							
	<b>Card Slot</b>	SDIO (SDHC supported) x 1							
	<b>Audio</b>	Microphone: Built-in (monaural), Speaker: Built-in (monaural)							
<b>Power</b>	<b>Main Power</b>	Lithium-ion battery pack (Operating period: Approx. 20 hours and more*) * When 120 keyboard inputs made every 10 minutes							
	<b>Memory Backup</b>	Lithium battery (rechargeable) on board							
	<b>Charge Time</b>	Approx. 5 hours							
<b>Environment</b>	<b>Dust/Splash-proof</b>	IP54 (compliant with IEC60529 standard)							
	<b>Drop Durability</b>	1.5m							
	<b>Operating Temperature</b>	-20°C - 50°C							
<b>Dimensions/ Weight</b>	<b>Approx. External Dimensions</b> * Printer part ** Display part	W	112mm* 79mm**		112mm* 79mm**		112mm* 79mm**		
		D	286mm		255mm		247mm		
		H	66mm* 37mm**		66mm* 37mm**		60mm* 37mm**		
	<b>Approx. Weight (Including Battery Pack)</b>	745g		685g	680g	645g	655g		620g

**Note:**

1. Microsoft, Windows Mobile are registered trademarks of Microsoft Corporation in the USA and/or other countries.
2. Felica is a trademark of Sony Corporation.
3. The BLUETOOTH registered trademark is owned by Bluetooth SIG, Inc., U.S.A., and licensed to CASIO Computer Co., Ltd.
4. Other company and product names are generally registered trademarks or trademarks of the respective companies.
5. Specifications in the table above are current as of November 2011, and may be changed without prior notice.

The product line-up for the new IT-9000 includes six models.

	Model	Wireless WAN & GPS	C-MOS Imager	Digital Camera	Magnetic Card Reader	Release
IT-9000	GMC25E	Yes	Yes	Yes	Yes	February 2012
	GC25E				—	
	G25E	Yes	Yes	—	—	
	25E	—		—		
	G05E	Yes	—	—	—	
	05E	—		—		

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### About Casio

Since the launch of the Casio Computer Company in Japan in 1957, the company has been guided by the core principles of 'Creativity and Contribution'. Casio is a vibrant, energetic and innovative brand that sustains its competitive edge by seeking new and improved approaches to meet customer demands. Well-known around the world for its consumer electronics products such as calculators, watches, digital cameras and electronic pianos, Casio also has a strong business to business heritage. Our objective is to improve people's lives by developing groundbreaking technology, rugged and energy efficient products and delivering this with a level of customer service which is second to none. It is this constant pursuit of excellence which helps us to meet our customer's expectations.