

Product information

CASIO®

Company: CASIO Europe GmbH, Casio-Platz 1, 22848 Norderstedt, Germany
Contact: Thomas Uppenkamp, Dept. of Mobile Industrial Solutions, +49 (0) 40 52865407
PR agency: ProOrga GmbH, Frank Kürten, +49 (0) 2161 88060, fk@pro-orga-gmbh.de
File: _Casio Produktmeldung - Handheld IT-G500 - EN_final



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Mobile Data Collection / Mobile Computing:

All in One

The new IT-G500 from Casio combines the best of two established and proven product lines with innovative features. The handheld offers comfortable operation, an excellent 4.3" touchscreen display and the highest possible levels of performance and durability.

The Casio IT-300/800 Series of handheld terminals are known for comfort, ergonomics and excellent performance. The DT-X8/30 Series guarantee the highest resistance to external influences and offer the best results for mobile data collection in a warehouse environment. In the newly presented IT-G500 handheld, Casio has combined advanced technology for optimal ease of use in an extremely robust unit, with specifications that exceed those of established and proven handheld terminals. "With the IT-G500, our Japanese development team has succeeded in balancing the requirements of a robust industrial terminal with those of a smart business handheld. The rich set of features, performance data, and the ergonomic exterior mean our new IT-G500 is unrivalled", explains Thomas Uppenkamp, Head of Mobile Industrial Solutions at Casio Europe in Norderstedt, Germany.

The handheld has been developed in accordance with the guidelines of ISO 9241-210 and reflects the principle of human-centred design. Although it may not look like a device with high resistance to external influences, it can resist water and dust (IP 67), temperature fluctuations (-20 to +50°C) and can withstand being dropped onto concrete from a height of 1.5 m. Weighing around 270 grams, the elegant device is easy to hold and can be operated like a smartphone via the large 4.3" touchscreen. With a resolution of 480 x 800 pixels, the WVGA display offers approximately 25% more information and enhanced readability compared to the VGA display of the Casio IT-800. The handheld features a backlit numeric keypad and programmable function keys, as well as a central trigger button and two side buttons for initiating the scanning process.

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The IT-G500 handheld terminal is available either with a laser scanner for barcodes or with a CMOS imager for all common 2D codes. Scanning takes place on a 25° downwards angle. This ensures that the scanning process is extremely quick and intuitive as the display can be read while scanning is in progress. Confirmation of successful scanning via a vibration function further contributes to increasing efficiency in noisy environments. In addition to the versions with optical reading modules, several variations of the IT-G500 are available with an integrated NFC/RFID module. You can read and record all common tags at high speed. Common protocols in the field of Contactless Smart Cards and Near Field Communication (NFC) are supported. A digital camera (5 MP) is integrated into the rear of the device. This features high sensitivity, auto focus and LED flash for reliable photographic documentation; even under poor lighting conditions. The current location can be easily determined and processed using the position coordinates of the integrated GPS.

The Casio IT-G500 handheld is extremely powerful, with a 1.5 GHz ARM® Cortex® A9 Dual Core Processor, 512 MB RAM and 4 GB ROM. The Microsoft® Windows Embedded Handheld® 6.5 operating system guarantees your investment is secure and suitable for demanding applications. For fast data communication Bluetooth® (4.0), WLAN (IEEE 802.11 a/b/g/n), 3G WAN (HSPA, UMTS) and USB interface are integrated into the IT-G500 along with SIM card and MicroSD slots. The built-in microphone and speaker allow you to make voice calls as well as record voice memos.

The new handhelds in the IT-G500 Series are available in Europe from March 2015. They will be available in seven standard versions with practical accessories, making it very cost-effective to adapt to the relevant activities.

For more information about the CASIO IT-G500, please contact

CASIO Europe GmbH

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Note for editorial staff:

Photos in this Word document are scaled-down and compacted preview images. Images for further processing (with 300 dpi resolution) are attached as separate JPEG files and are available online at www.redaktionsserver.de.



Image 01

Casio IT-G500: The All-in-One High-Spec Handheld

(Image: CASIO Europe, Norderstedt, Germany)

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Image 02

Casio IT-G500: Human centred design

(Image: CASIO Europe, Norderstedt, Germany)

Weighing around 270 grams, the well-balanced device is easy to hold and can be operated like a smartphone via the large 4.3" touchscreen. With a resolution of 480 x 800 pixels, the WVGA displays offers around 25% more information and enhanced readability compared to a VGA display.

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Image 03

Casio IT-G500: 1D laser scanner or 2D imager for all ID codes

(Image: CASIO Europe, Norderstedt, Germany)

With a high level of functionality and extremely robust, the IT-G500 is the first-choice device for many tasks in the fields of warehouse and transport logistics, service, industry and trade.

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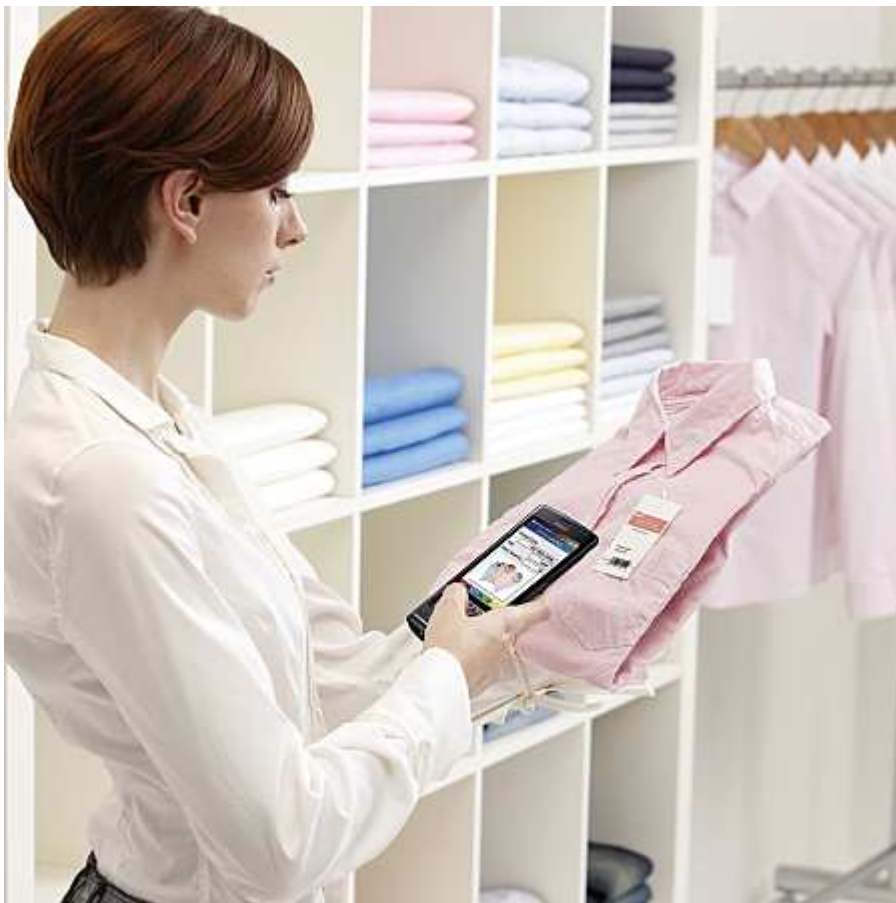


Image 04

Casio IT-G500: Innovative technology for POS

(Image: CASIO Europe, Norderstedt, Germany)

The lightweight handheld with the large 4.3" touchscreen display provides comfortable operation, reads all common ID codes and RFID-labels and has NFC technology.

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Image 05

Casio IT-G500: Photographic documentation made easy

(Image: CASIO Europe, Norderstedt, Germany)

The integrated digital camera (5 MP) features high sensitivity, auto focus and LED flash for reliable photographic documentation; even under poor lighting conditions.

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Image 03

Casio IT-G500 with NFC and RFID

(Image: CASIO Europe, Norderstedt, Germany)

The IT-G500 is available with an integrated NFC/RFID module (13.64 MHz). It reads and writes tags in accordance with ISO15693, such as I-CODE SLI[®], Tag-it[®], FerVID[®] and my-d[®]. When it comes to contactless smart cards and Near Field Communication (NFC), it supports protocols in accordance with ISO 14443 A/B, such as JISCAP[®], Mifare[®] and FeliCa[®].