Excellent investment security through certification of compatibility!
SAP® Certified
Integration with SAP Applications
GK SOFTWARE

Toughness!

Robust Full Touch Handheld for Android Apps

CASIO®

Robust and durable

Android mobile computer with bright touch display, High-speed imager, NFC/RFID, GPS, WLAN, LTE WWAN

The Device at a Glance:

- Proven: Android 6 operating system for a wide range of apps
- Strong: ARM® Cortex® A53 Quad Core Prozessor (1.2 GHz)
- Certified: SAP and GK Software - SAP Offline Mobile Store by GK
- Lightweight and robust: 325 g, IP67 protection class, 1.5 m drop resistance
- Scratch and break resistant: Toughened glass display screen
- Durable: Large battery sizes: 5.800 mAh
- Ergonomic: Compact housing design with a large touch display and two scan buttons on the side
- High reading performance: Professional 1D / 2D imager
- Practical: Two digital cameras
- Flexible: NFC/RFID functionality
- Secure investment: Professional hardware quality with optimum availability and first-class product support

Touch handheld for industrial use

As powerful as a top smartphone and as robust as the proven Japanese handhelds: The CASIO IT-G400 mobile computer, a full-touch handheld with Android operating system, opens up new fields of application in industry, retail, logistics and services. The device contains components that have already been proven to be top-class in handhelds used industrially.

For example, a professional imager is integrated into the housing, which is easy to grip and made of durable plastic. The five-inch touch display is almost unbreakable and extremely scratch-resistant. The IP67 rating indicates that the device is well protected against the ingress of dust and water, making it particularly well-suited for outdoor use in wind and weather. It is fully functional at temperatures between -20 and +50°C. Come rain or sunshine the CASIO IT-G400 has the ideal features to prove its worth all day long.

Power for a long working day is supplied by Japanese-made batterie cells.

Powerful high-speed imager

The integrated CMOS imager is of the latest design, and extremely fast and powerful. A clearly-visible targeted laser aimer enables barcode labels to be captured.

The imager can read multiple codes – even damaged ones – simultaneously at lightning speed. Good or bad reads are confirmed optically, acoustically and with vibration. This is useful in a noisy environment. Effective filter against high-frequency flickering under modern LED lighting allows for constant reading quality.

Two side-mounted trigger buttons for the reading procedure reduce finger movements to a minimum for both right-handed and left-handed users.

Professional CMOS imager, perfectly integrated

In contrast to commercially available smartphones and their rugged versions which mostly read identification codes via their digital camera, the IT-G400 full-touch handheld has a professional imager.

On the Way Across all Networks

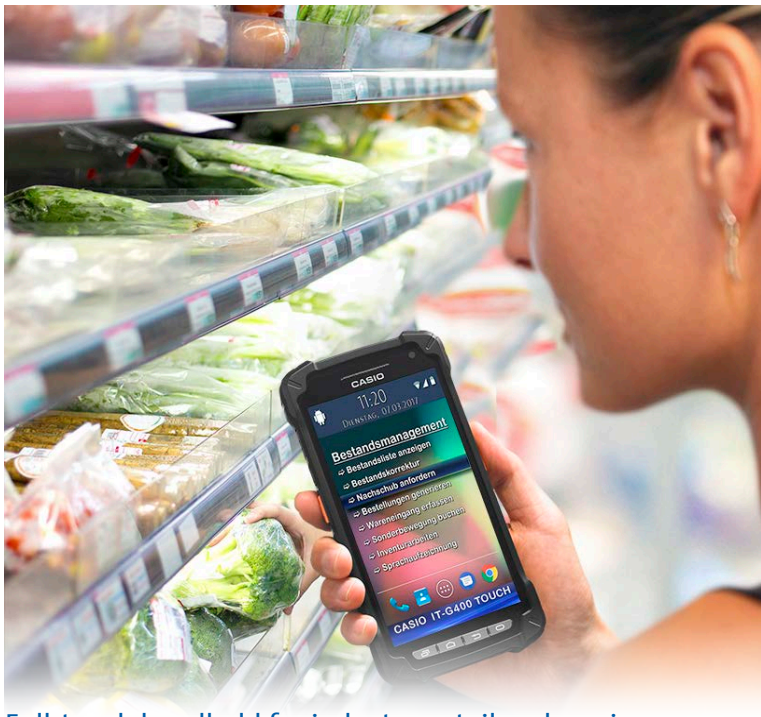
Bluetooth® (4.1), WLAN (IEEE 802.11 a/b/g/n) and LTE WWAN are available for fast data communication. A fast USB interface allows the device to be connected to vehicle mounts and docking stations.

Ideal for mobile applications

The CASIO IT-G400 full-touch handheld is equipped with the powerful ARM Cortex® A53 quad-core processor (1.2 GHz). Together with generous memory storage (2 GB RAM and 16 GB FROM), the device provides high levels of performance. The combination of powerful hardware and a modern operating system means that the device represents a secure investment over many years and is ideal for a wide range of applications.

RFID/NFC, digital camera and GPS

Common protocols in the field of contactless smart cards and near field communication (NFC) are supported. The 8 megapixel digital camera is perfect for creating pictures for quality control and damage recording. The current location can be easily determined by the position coordinates of the integrated GPS.



Full-touch handheld for industry, retail and service

In conjunction with its robust design and long-lasting performance, the professional features of the CASIO IT-G400 set new standards in terms of user agreement and investment security. The non-slip surface and special shape of the back of the device guarantee easy, fatigue-free operation.

Details, Options and Accessories

The CASIO IT-G400 Full-Touch Handheld comes standard with a rechargeable battery of 5,800 mAh, charger, input pen and a screen protector.

4-battery-charger incl. power supply
HA-R34CHG

4-charging station incl. power supply
HA-R38CHG

Battery 5,800 mAh
HA-R21LBAT

Screen protection sheet, 10 pices
HA-R95PS10

Connection cable USB
HA-R81USBC

Communication- and charging station incl. power supply
HA-R60IO (USB)
HA-R62IO (LAN)

Model Overview:		IT-G400-C21L	IT-G400-WC21L
WLAN		•	•
WWAN			•

Specifications:

Model Name		CASIO IT-G400 series
CPU		ARM® Cortex®-A53, 1.2 GHz, quad-core
Operating System		Android 6.0.1 with GMS (Google Mobile Services)
Memory	**RAM**	2 GB
	FROM	16 GB
Display	**Size**	5.0 inch (127 mm) diagonal
	Resolution	720 x 1,280 pixels, 16,700,000 colours
	Technology	TFT colour LCD with LED backlight and touch panel
Input	**Keyboard**	Virtual screen keyboard (alphanumeric) and 4 buttons on the front for "Recent App", "Home", "Back" and programmable function key, 3 side buttons for "On / Off", "Volume + / -", "Reset"
	Scan Trigger	2 scan release buttons (left and right)
	Touch-screen	Capacitive touch panel with scratch-resistant surface (Toughened Glass)
Wireless Communication	**WLAN**	IEEE 802.11 a/b/g/n, security standard and encryption WEP, WPA, WPA2
	WWAN (model dependent)	LTE FDD&TDD, WCDMA (900/2100 MHz), EGPRS (EDGE), GPRS, GSM (850/900/1800/1900 MHz)
	Bluetooth®	Bluetooth® version 4.1+ EDR/LE
	GPS (model dependent)	GPS, GLONASS and BeiDou, NMEA-0183, standard in versions with WWAN
Interfaces	**Memory Card Slot**	Compatible with microSD memory cards (SDHC)
	SIM Card Slot	Compatible with mini SIM cards ISO 7816
	USB Port	Version 2.0 high-speed (host/client), USB connection via 16-pin I/O connector
	Headset Connector	3.5 mm jack for earphone and microphone
Digital Camera	**Front**	Photo / video, resolution 2.0 MP
	Back	Photo / video, resolution 8.0 MP, autofocus and LED flash
Audio		integrated microphone and receiver for telephony, speaker for signals and alarms etc.
Vibrating Signal		Confirms successfully decoded ident codes
Imager	**Technology**	CMOS imager, resolution 832 x 640 px, 1D = 0.127 mm, Stacked = 0.168 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	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, 2/5-Industrial
	Readable 2D Stacked-Codes	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 Code
RFID / NFC Functionality	**Technology**	Reader / writer, NFC interface, frequency 13.56 MHz
	NFC Standards	ISO 14443 type A/B, Mifare®, FeliCa®
	RFID Standards	ISO 15693, I-CODE SLI®
Sensors	**Proximity sensor**	Response optimized at 940 nm, threshold 425 ~ 475
	Luminance sensor	Response optimized at 550 nm, dynamic range 0.01 ~ 1700 Lux
	Acceleration sensor	3-axis digital acceleration sensor
	Gyro sensor	3-axis digital gyroscope
Power	**Operation**	3.85 V lithium-ion battery pack: standard = 5,800 mAh
	Memory Backup	Integrated lithium-ion battery
Environment	**Drop Durability**	Drop height: 1.50 m onto concrete
	Dust / Water Durability	IP67 protection rating, IEC 60529 compatibel (dust-proof and water-resistant)
	Operating Environment	Temperature range -20 to +50 °C, relative humidity 10 to 90 % (no condensation))
Dimensions (W x H x D)		Approx. 82 x 158 x 24 mm
Weight		Approx. 325 g incl. battery

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