New Casio Product

THE
IT-G400

IT-G400
TOUGHNESS

TECHNICAL
SPECIFICATIONS

WHY THE IT-G400?

New Casio Product

THE IT-G400

IT-G400 TOUGHNESS

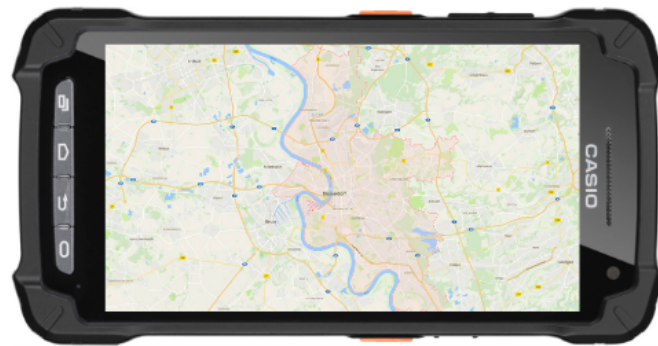**TECHNICAL SPECIFICATIONS**

WHY THE IT-G400?

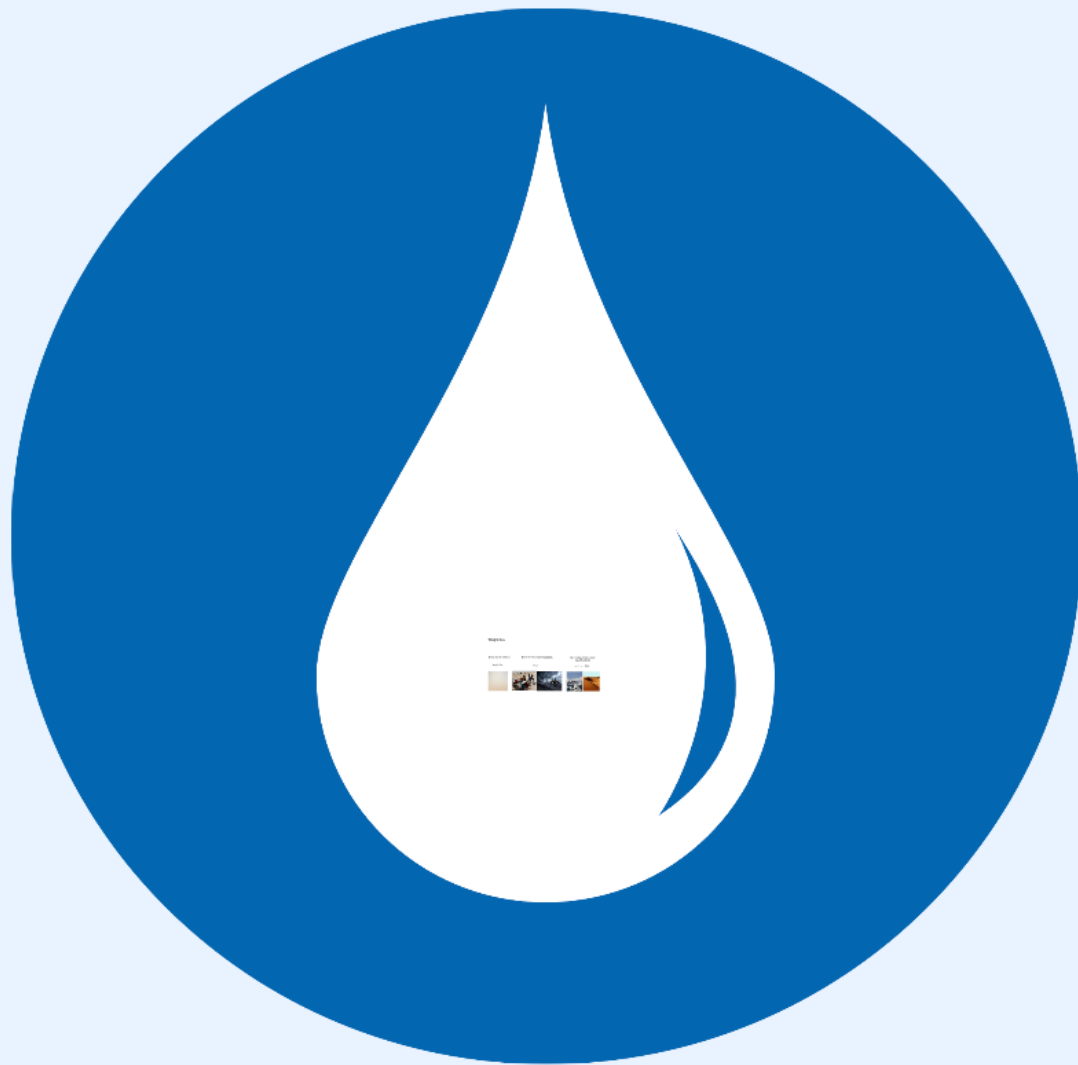# Display

Toughened Glass

5.0 inch, Large and Easy-to-View LCD

Improved business operation by large display suitable for legible application
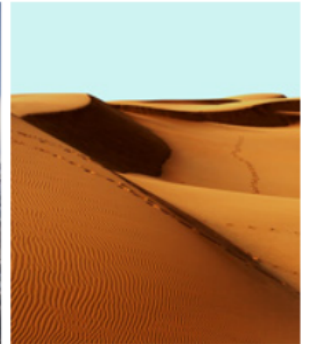
Toughness

Drop specifications

Drop 1.5m

Enviromental specifications
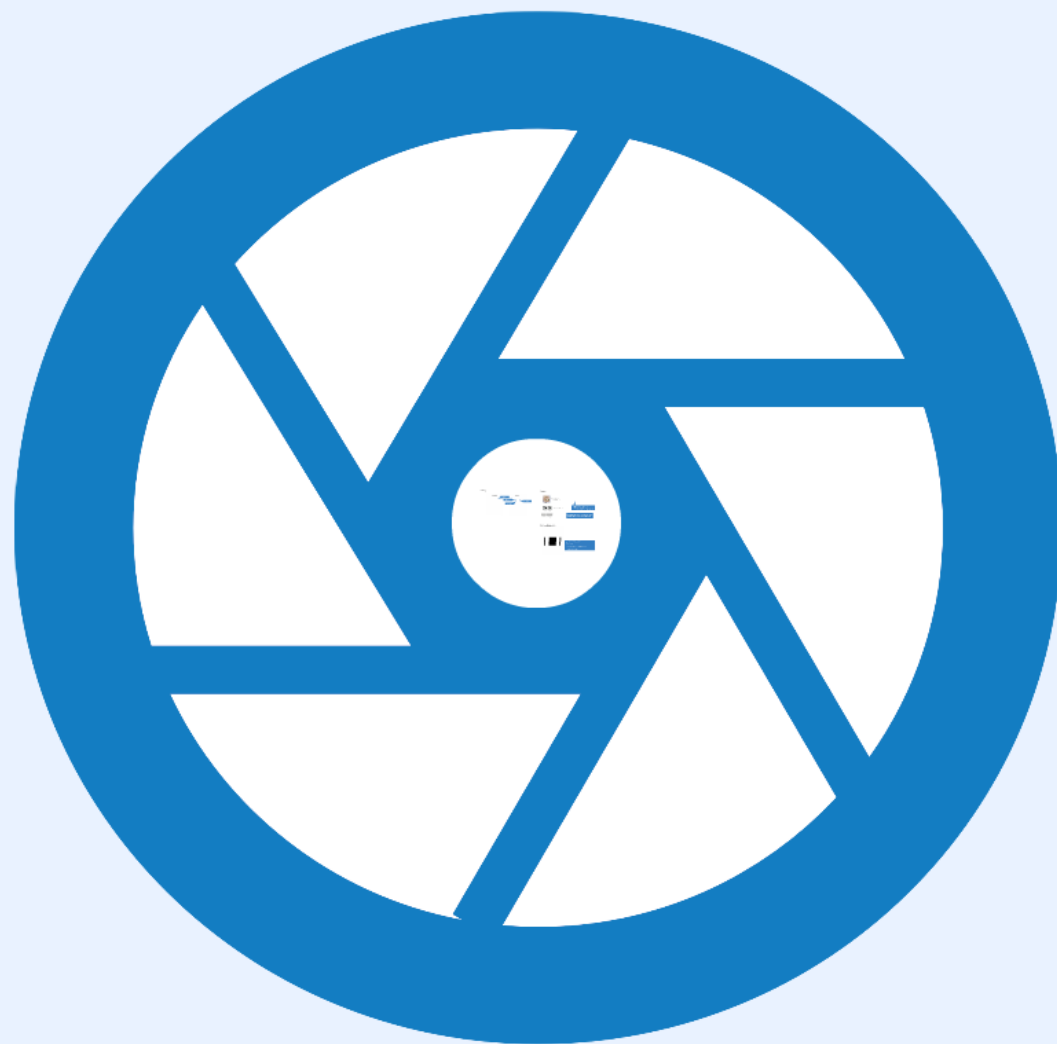
IP65

Operating temperature specifications

-20℃ to +50℃

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WHY THE IT-G400?

Camera

Front

Rear

2M pixels

8M pixels

LED Flash

Autofocus

Imager

Readable 1D and 2D codes covered with vinyl

Readable hard-to-read 1D and 2D codes

Scratched   Fading

CODE39001X

901234 567894

Scratched   Soiling

High Speed scanning
C-MOS imager with laser aimer

Improved operation by C-MOS imager with the latest module and decoder

Battery (5800mAh)

Battery (5800mAh)

1) Made in Japan battery cells

2) Slim design

3) One of the largest battery on the market

4) Longer operation time

RADIO

W-WAN

- LTE
- HSPA (HSUPA/ HSDPA)
- UMTS
- EGPRS (EDGE)
- GPRS
- GSM (E-GSM-900/ DCS-1800)

GPS

- Global Positioning System
- With W-WAN model
- AGPS

RADIO

W-LAN

Standards	Rate of transmission	Frequency
IEEE802.11a	54Mbps	5GHz
IEEE802.11b	11Mbps	2.4GHz
IEEE802.11g	54Mbps	2.4GHz
IEEE802.11n	72Mbps	2.4GHz 5GHz

Bluetooth

Ver.4.1+EDR/LE:

- EDR (enhanced data rate)
- High speed
- Low energy
- Supports a lot of Bluetooth Profiles

Features

RFID/NFC reader/writer 13.56Mhz

ISO14443 Type A

ISO14443 Type B

ISO15693

Felica

1 SAM slot for data de- and encryption of NFC- and RFID tags

Log-in security by ID card

Security control with RFID tags

RADIO

Interfaces

microSD

Compatible with SDHC

USB Connection to PC

via 16pins I/O connector
or
via single slot
communication cradle

SIM card

SIM compliant with
ISO7816 (W-WAN model)

SAM slot

SAM slot for the NFC
module
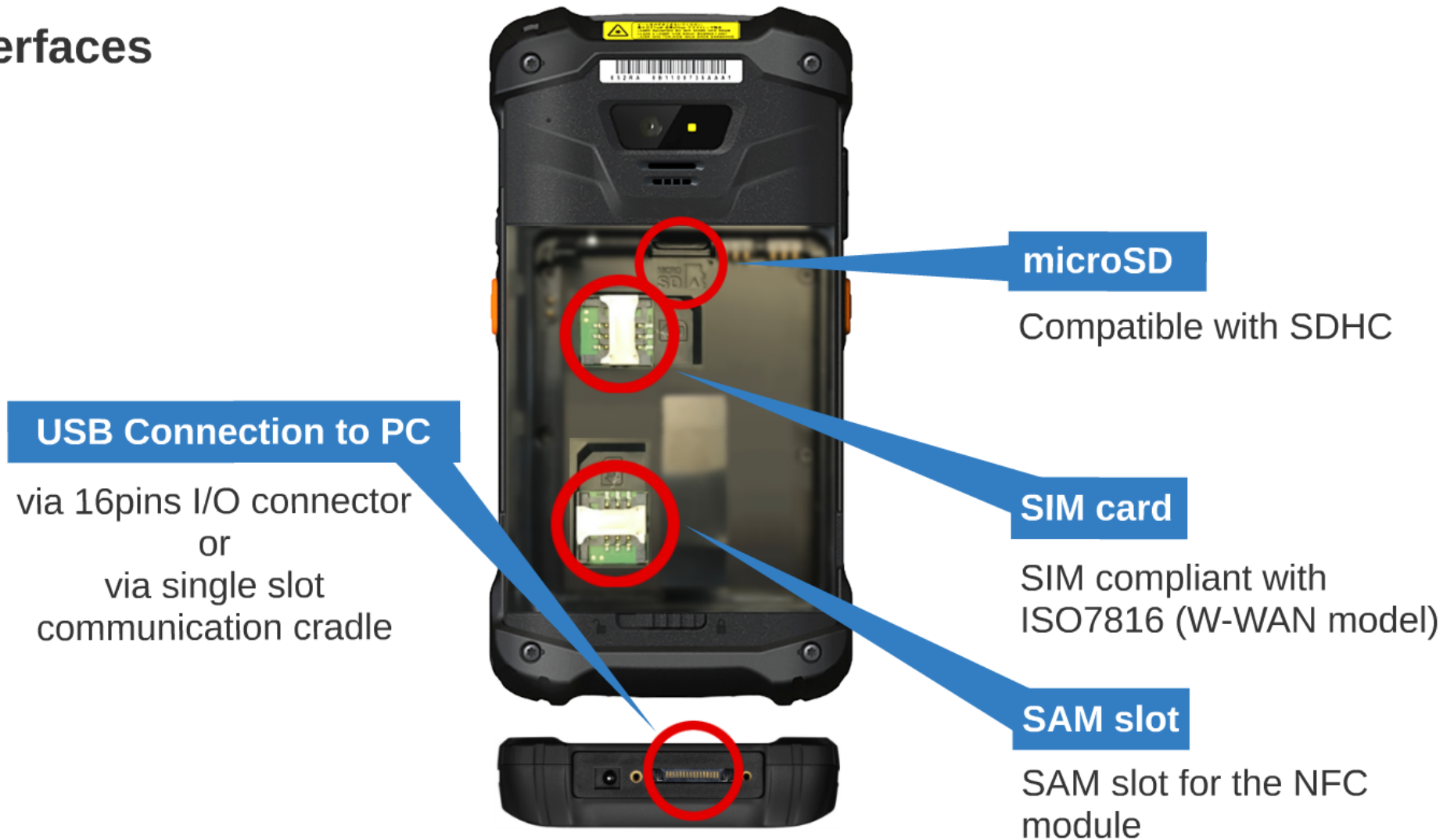
Measurements

Dimensions

82mm

158mm

24mm

Memory

All models come with

2GB RAM

16 GB F-ROM

Weight

325g

Android 6.0.1

Android 6.0
Marshmallow

One of the first devices with Android 6.0.1 in the industrial area

6.0/6.0.1
Marshmallow

5.0
Lollipop

4.4
KitKat

4.1/4.2/4.3
Jelly Bean

4.0
Ice Cream Sandwich

Stability
(Less memory condition)

Power Management
(Low battery consumption)

Security
(App access rights management)
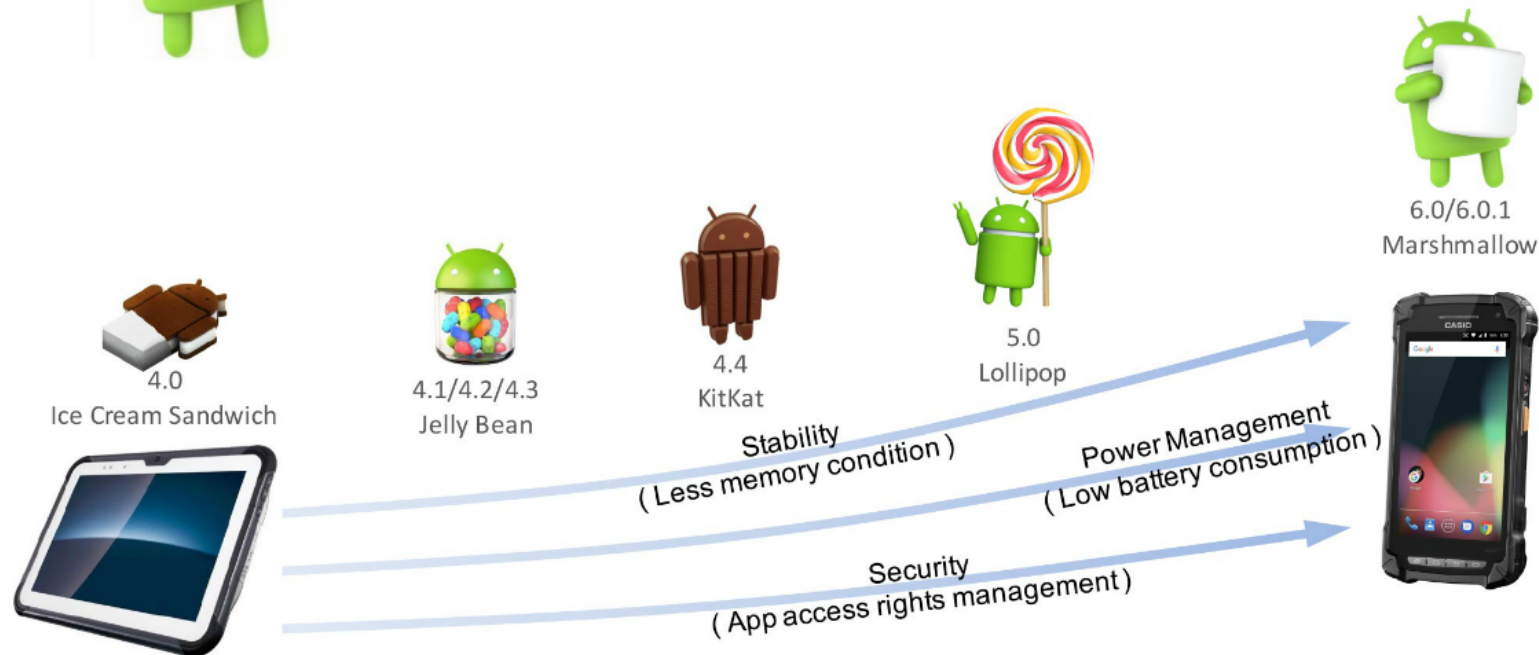
Development Environment

Android Studio https://developer.android.com/studio/index.html

API Level	Android Version		Casio	Competitors	
23	6.0 / 6.0.1	Marshmallow	IT-G400	Zebra Honeywell	TC 51 / 56 Dolphin CT50 / 75e
21 / 22	5.0 / 5.1	Lollypop		Pidion M3 Mobile	EF 500R / 400 SM10 LTE
19	4.4	KitKat		Zebra Pidion	TC75 BM 180 / BP 30
16 / 17 / 18	4.1 / 4.2 / 4.3	Jelly Bean		Zebra M3 Mobile	MC40 SM10
15	4.0	Ice Cream Sandwich	V-T500	Honeywell	70e

For IT-G400

Device Control Libraries will be provided from Casio (Imager, Hard Keys, etc.)

Specification

Item	Specification
OS	Android 6.0.1
CPU	Qualcomm 1.2 GHz Quad core
RAM	2GB
F-ROM	16GB
LCD	5.0 inch transmissive color TFT diplay (720x1,280dots)
Camera	Rear 8M pixels / Front 2M pixels
Scanner	C-MOS imager
Touch panel	Capacitive touch panel
W-LAN	W-LAN(801.11a/b/g/n)
Bluetooth	Ver. 4.1 + EDR/LE
GPS	GPS (depends on model)
NFC	ISO14443 Type-A/Type-B, Felica, ISO15693
W-WAN	LTE/WCDMA/GSM (depends on model)
Earphone/MIC Jack	3.5mm
USB	USB 2.0 High-speed
Extension memory	microSD slot x1
Main battery	Lithium-Ion battery (5,800mAh)
Weight	approx. 325g
Dimension	approx. 82mm x 158mm x 24mm
Bundled items	Lithium-Ion battery, Wrist Strap, Stylus pen, AC adapter, Screen protect sheet
Encryption	1 SAM slot

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WHY THE IT-G400?

Indoor

Retail

Inventory

Manufacturing

Industry

Health Care

POD

Transport

Ticketing

SFA

FFA

Parking Enforcement

Outdoor

Usable Google apps with Google Mobile Service

Available to use the commercial apps and various Google apps.

- Google Map
- G-Mail
- Google Drive
- Hangout
- Chrome
- Google Play

European Support Team based in Germany

Short Response Times

Exclusive Knowledge Base

+75

75 Years of Experience

Requirements for industrial Handheld Terminals

IT-G400

Drop durability

Integrated C-MOS imager

Minimum 3 years of product supply period

Spare parts availability: 5 years after product discontinuation

Large battery

Long operating time

European and Local Support available

System Configuration

IT-G400-xxL : Battery, battery cover, screen protect sheet, stylus pen, wrist strap, and AC adapter

Model List

Model	Specification
IT-G400-C21L	W-LAN, battery
IT-G400-WC21L	W-WAN, battery

Options

USB cradle + battery charger: HA-R60IO

4-slot cradle-type charger: HA-R38CHG

4-slot battery charger: HA-R34CHG

Cable between Serial (IT-G400) and USB: HA-R81USBC

Power supply: AD-S10050B

IT-G400

Bundled Set

IT-G400-xxL : Battery, battery cover, screen protect sheet, stylus pen, wrist strap, and AC adapter

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System Configuration

IT-G400-xxL : Battery, battery cover, screen protect sheet, stylus pen, wrist strap, and AC adapter

Model	Specification
IT-G400-C21L	W-LAN, battery
IT-G400-WC21L	W-WAN, battery

IT-G400

Options

USB cradle + battery charger: HA-R60IO

4-slot cradle-type charger: HA-R38CHG

4-slot battery charger: HA-R34CHG

Cable between Serial (IT-G400) and USB: HA-R81USBC

Power supply: AD-S10050B

Accessories

Model	Description
HA-R21LBAT	Battery pack (5800mAH)
HA-R60IO	USB cradle + battery charger (with AC adapter, USB cable)
HA-R38CHG	4-slot cradle-type charger (with AC adapter)
HA-R34CHG	4-slot battery charger (with AC adapter)
HA-R81USBC	Cable between Serial (IT-G400) and USB
HA-R95PS10	Screen protect sheet (10 sheets)
AD-S10050B	5V AC adapter for IT-G400 (with AC plug EU/US/UK)

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Thanks a lot for your attention!