



CASIO[®]

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Training Course



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CASIO IT-300 Overview

Hardware

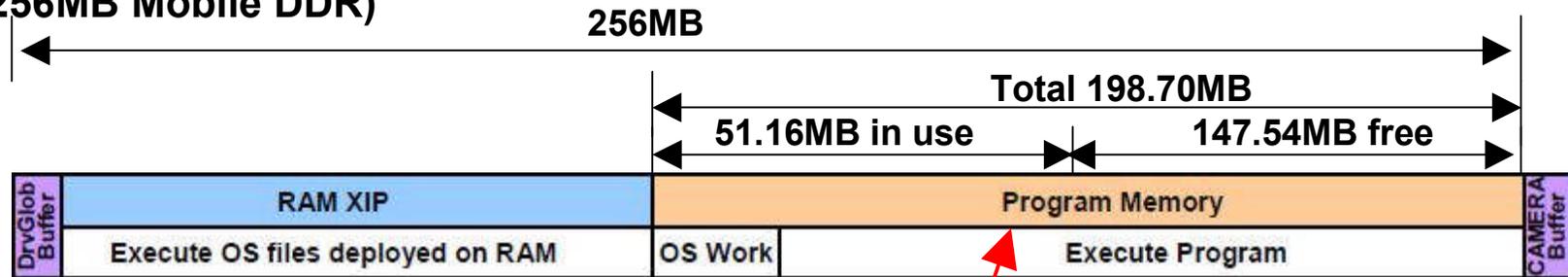


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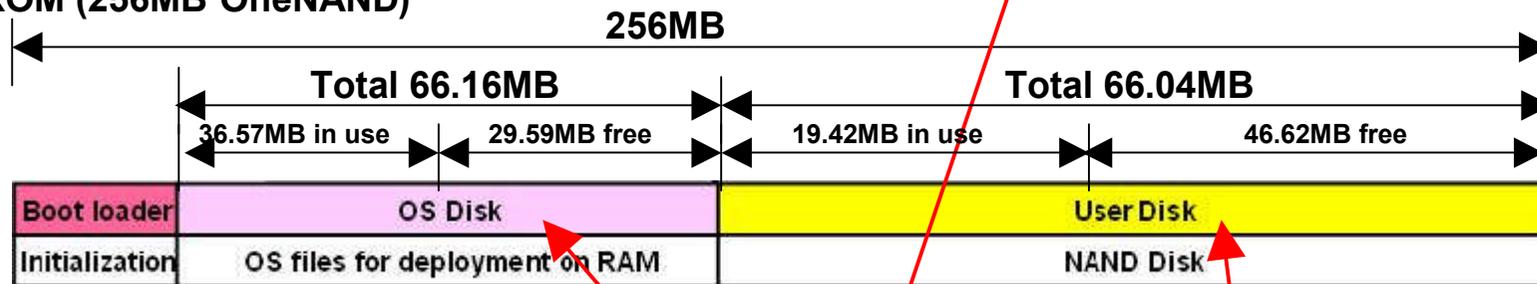
Feature	Description
OS	Windows Embedded Handheld 6.5 (English)
CPU	Marvell ® PXA 320 (624 MHz)
Display (Touchscreen)	9.4cm Blanview ® VGA-TFT (3.7" / 480 x 640 Pixel)
ROM	256 MB
RAM	256 MB (~120 MB User Area)
WLAN	802.11 b/g (WPA2 / AES)
Bluetooth ®	2.0 + EDR, Class 2
USB	1.1 (Host / Client)
Laser Scanner	Barcode Reader (Standard and Stacked)
Expansion Slot	SDHC 2.0 (Micro-SD Memory Cards)
Battery	Li-Ion, 3.7V, 1,850 mAh
Weight	~ 215g (depending on model) including battery pack
Dimensions (B x H x T)	75.7 x 154.6 x 19.6mm
Drop Durability	1.5m
Operation Temperature	-20 °C to 50 °C
Dust / Splash-proof	IP54

Memory Division

RAM (256MB Mobile DDR)



Flash ROM (256MB OneNAND)



You can find the utility at
START => SETTINGS => SYSTEM => MEMORY

Main

Storage Card

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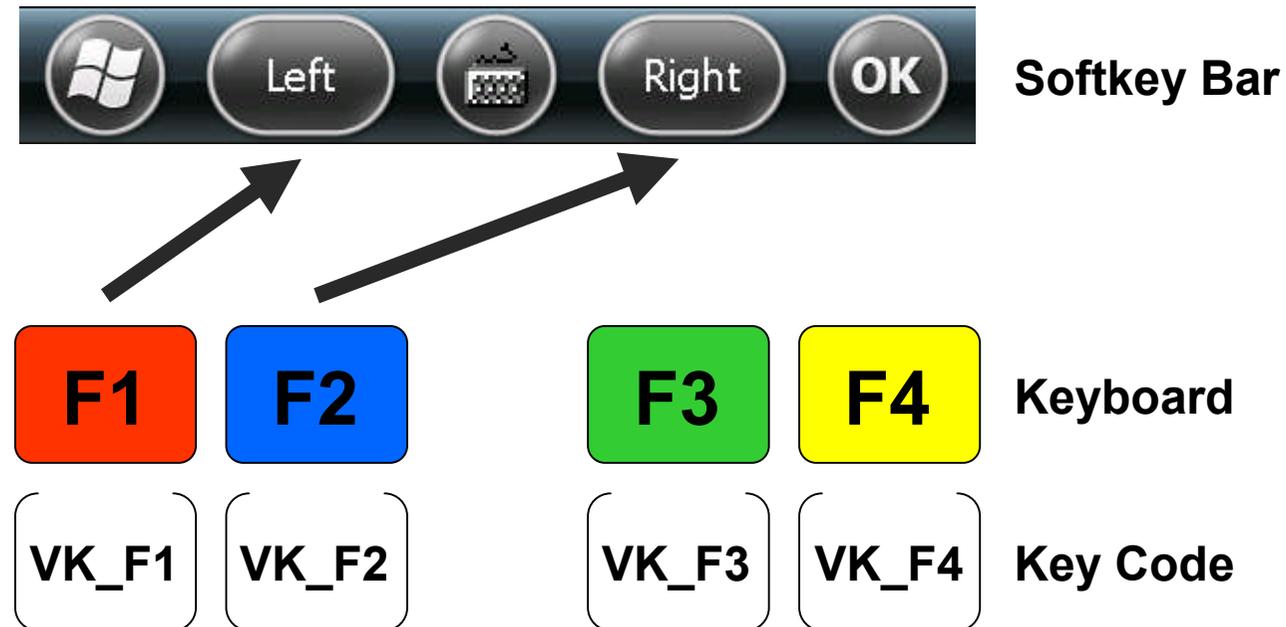


Key	Function
F1	VK_F1 VK_TSOFT1
F2	VK_F2 VK_TSOFT2
F3	VK_F3 (VK_TTALK)
F4	VK_F4 (VK_TEND)

IT-300 Softkeys (Default)

Windows Mobile provides additional keyboard mappings, e.g.

- VK_F1 (0x70) equals VK_TSOFT1 (left softkey)
- VK_F2 (0x71) equals VK_TSOFT2 (right softkey)



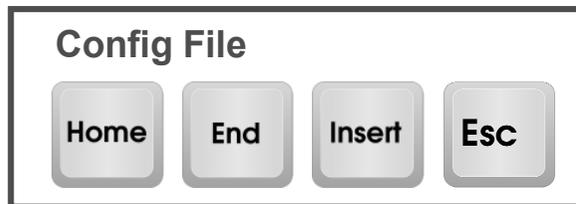
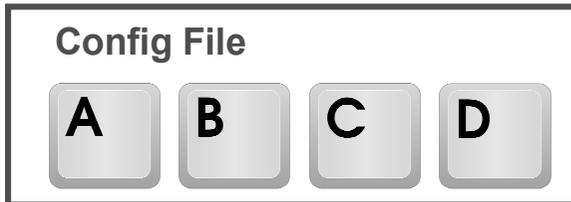
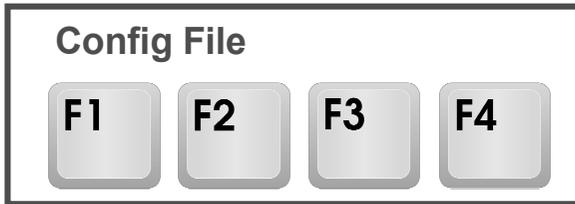
Fn-Key Operation

[Fn] + [0]	Fade in or out the software input panel
[Fn] + [1]	Switch on or off the backlight
[Fn] + [2]	-
[Fn] + [3]	-
[Fn] + [4]	Calibration of the touchscreen
[Fn] + [5]	Darken the backlight
[Fn] + [6]	Brighten the backlight
[Fn] + [7]	Starts a program (full path must be saved to Registry)
[Fn] + [8]	Starts a program (full path must be saved to Registry)
[Fn] + [9]	Starts a program (full path must be saved to Registry)
[Fn] + [.]	Display the character "-"
[Fn] + [CLR]	Output the functional character ESC
[Fn] + [MENU]	Launch "System Switcher" for selecting desktop mode



Always disable unused key combinations prior to rollout.

Hardware Keyboard Editor



- Specify launch buttons
- Configure key codes
- Simple deployment
- Universal format

WLAN

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WLANConfig 11:18

SSID: Casio Search

Security: WPA2-Personal (PSK)

Encryption: AES

Key: ***** No. cha. 0

EAP-Properties

Connects to: The Internet Work

OK Cancel

Basic IP WLAN Detail Settings

Windows Home OK

CASIO WLAN Config Utility

NetSearch 11:18

Wireless Information

SSID:	Casio
WLAN standard:	802.11.b, 802.11.g
Channel:	6
Intensity(%):	100
Encryption:	AES
MAC address:	E05FB9368B00
Status:	Connected to Casio

IP Information

IP address:	180.1.4.65
Physical address	E02A82702EE6

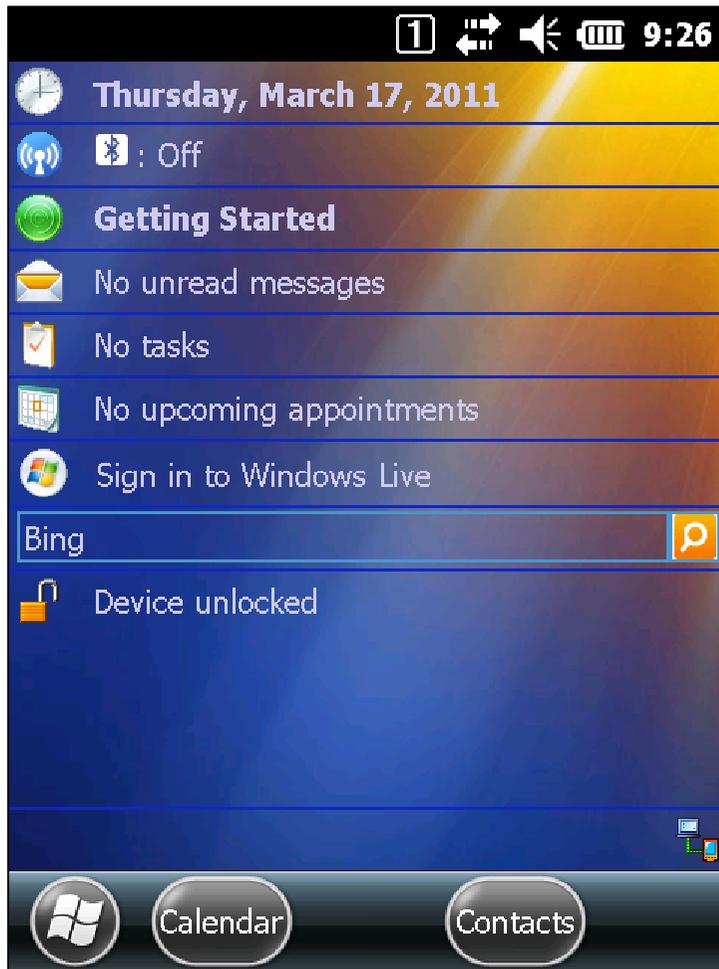
Renew Release Detail

List View(1) Ping(4) Signal(5)

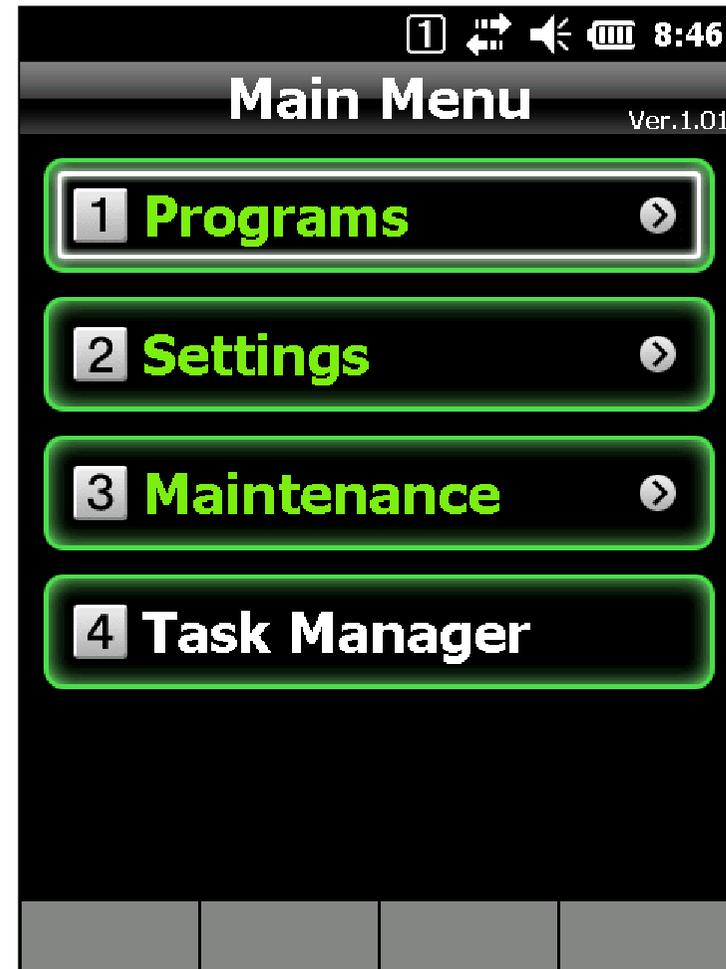
Windows Home Disp... OK

CASIO NetSearch Utility

CASIO Active Menu (Kiosk)

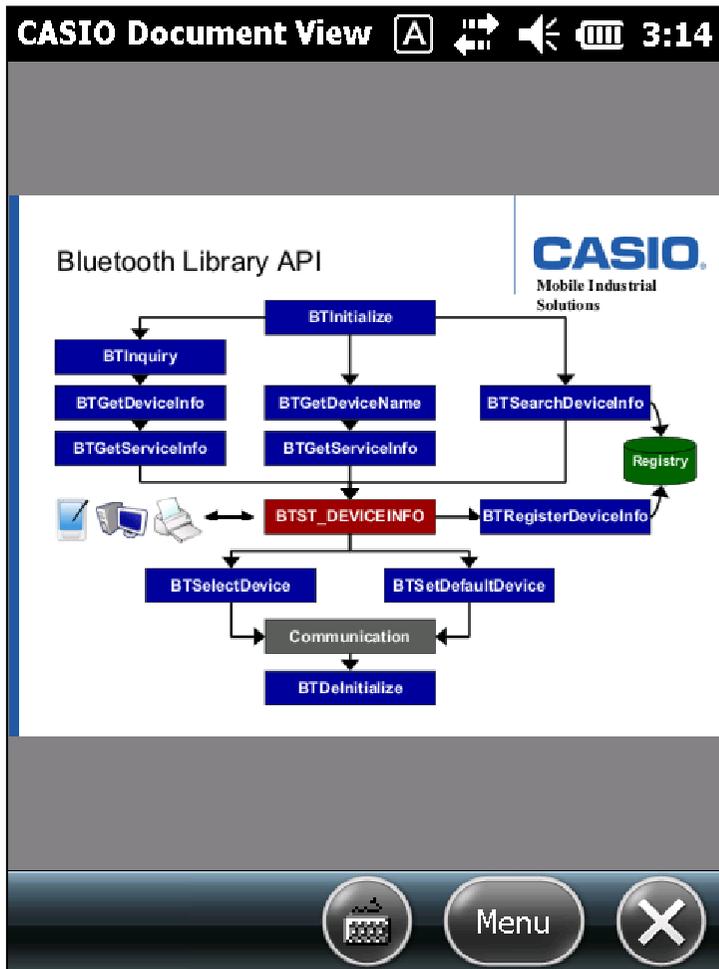


Standard Desktop Mode



CASIO Desktop Mode (Kiosk)

CASIO Document Viewer



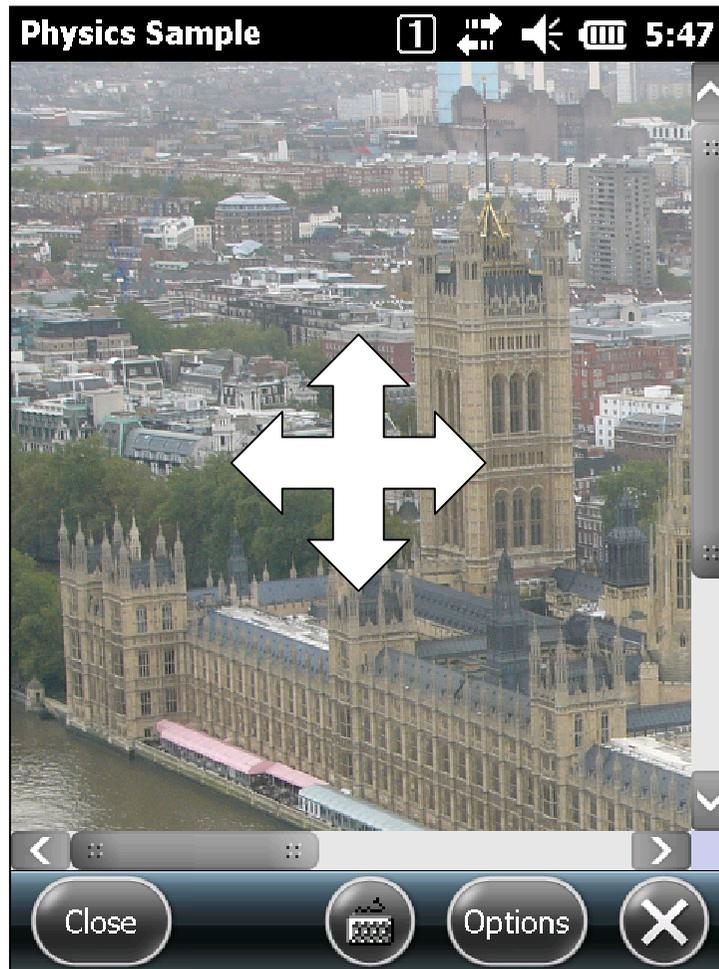
(IT-300 only)

- Adobe PDF 1.3 – 1.7
- Microsoft Word 97-2003/2007
- Microsoft Excel 97-2003/2007
- Microsoft Powerpoint 97-2003/2007
- TXT, GIF, JPG, BMP, PNG

Zoom Out 1	Rotate 2	Zoom In 3
Prev. Page 4	Fit to Height 5	Next Page 6
First Page 7	Full Screen 8	Last Page 9
	Fit to Page 0	

Keyboard Navigation

Microsoft Gesture APIs



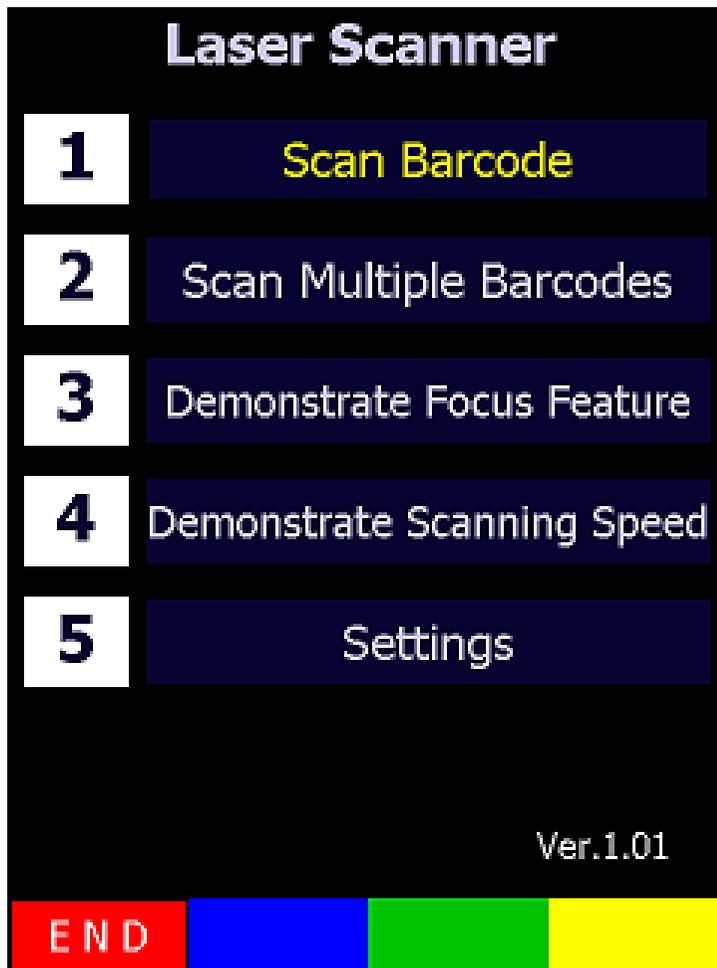
Native Code Sample

- Native APIs for touch events, gestures, and gesture animations.
- Allows scrolling in response to flick and pan gestures.
- Native code sample comes with Windows Mobile SDK ("Gestures").
- Managed code sample available at MSDN ("Windows Mobile Managed Gestures Sample").
- Multi-touch gestures are enabled by default.
- To disable multi-touch gestures until reset call `SysMultiTouchOff` from System Library.

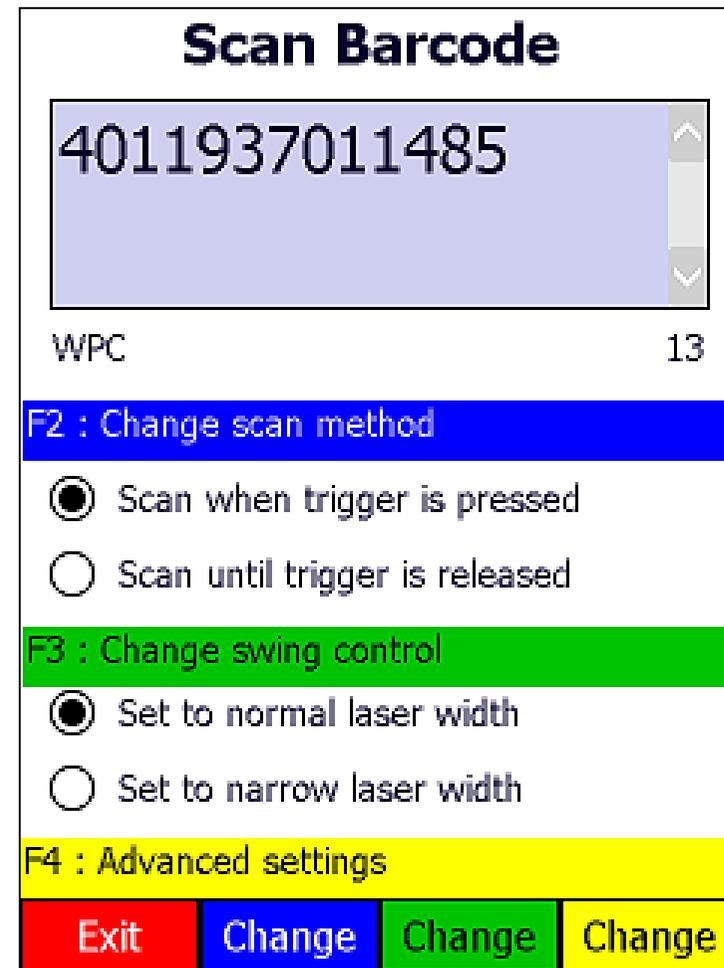


Multi-touch gestures must be enabled for zooming, e.g. in Internet Explorer.

Barcode Demo

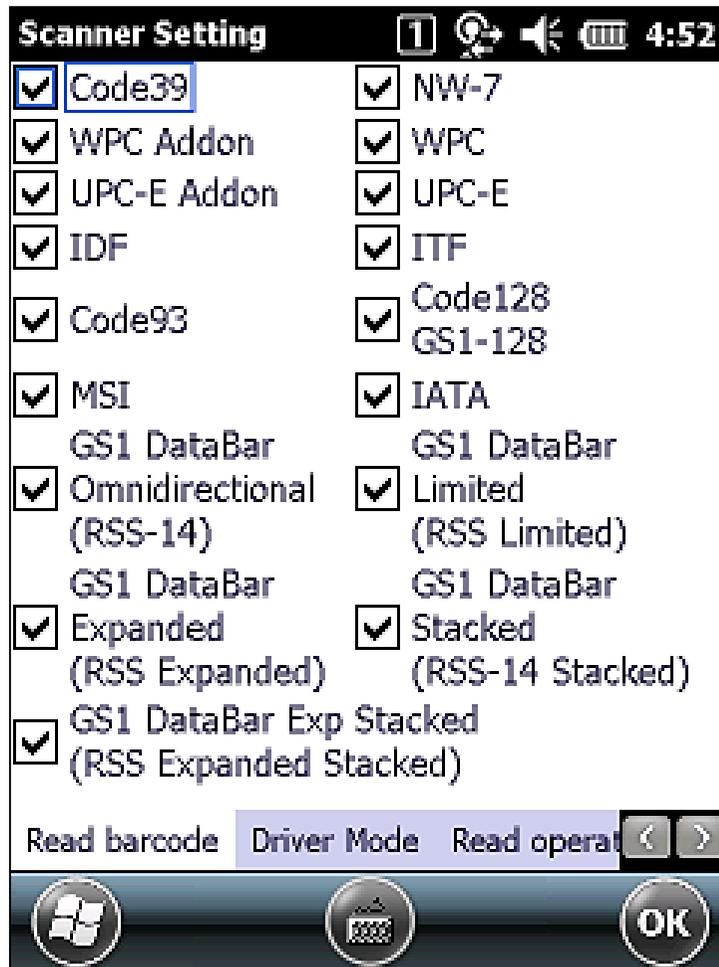


Start => Barcode Demo

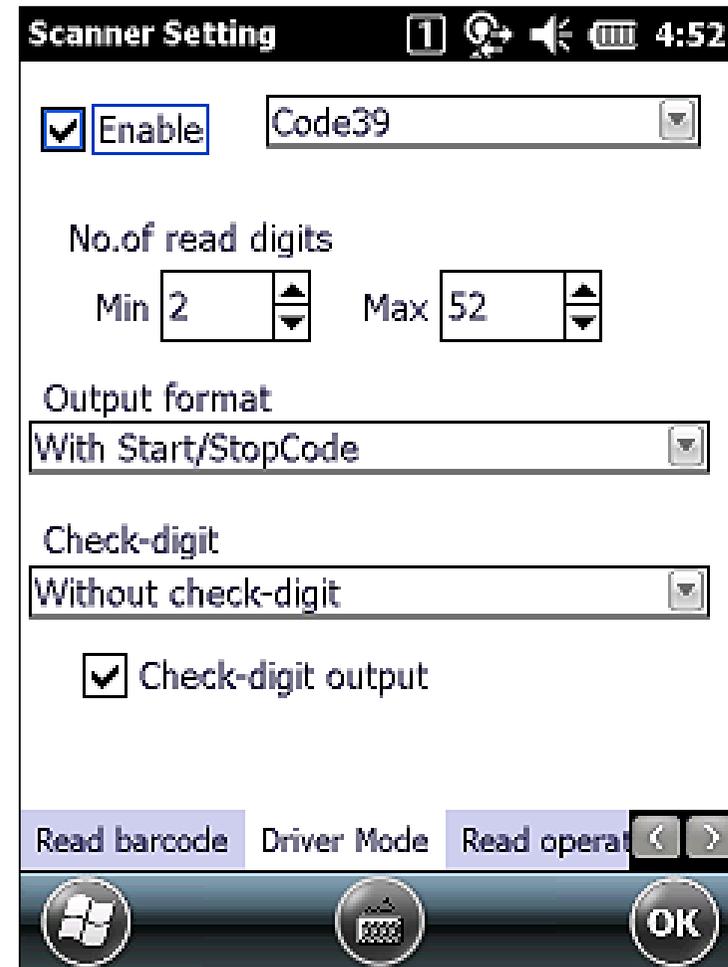


Demo Application
(always using default settings)

Barcode Read



Start => Programs => Utility



Scanner Setting
(fully configurable)

Manuals

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Title	Contents
User's Guide	General operating instructions for the terminal and accessories (comes with each terminal).
Quickstart Guide (Developer)	First assistance for programmers, who would like to create their own applications.
Software Manual	Detailed description of operating system and pre-installed programs as well as of the fundamental configuration of the terminal, e.g. keyboard, scanner or WLAN.
Hardware Manual	Technical data of terminal and accessories, e.g. interface descriptions, battery running times, MTBF etc.
Bluetooth Library Manual Laser Scanner Library Manual System Library Manual	Explanation of the programming functions, which are offered by CASIO, including examples and program flowcharts.
CAB File Automatic Setup Tool Manual	Manual for the operation of the Setup tools, with which the automatic installation of arbitrary programs, patches and service packs can take place.
Active Menu User's Guide	Companion to the fully configurable kiosk mode.

Configuration Files



Device	Path	File Name
Laser Scanner	\FLASHDISK\SYSTEM SETTINGS\	OBRDRV.INI
WLAN	\FLASHDISK\SYSTEM SETTINGS\	WLANCFG.INI

Ports / Key Codes



Interface	Port
USB	COM2
USB (Modem)	COM5
Bluetooth Serial Profile (Client)	COM6
Bluetooth Serial Profile (Server)	COM7
Bluetooth Dial-Up Network	COM7

Middle Trigger	0xE6
Left Softkey	0x70
Right Softkey	0x71

Device Security

Security level	Description
One-tier prompt	<p>This policy allows applications signed with a certificate recognized by the device to execute with no user prompt, since the application's certificate matched a device certificate.</p> <p>The device prompts the user before allowing unsigned or incorrectly signed applications to run.</p> <p>Once a signed or unsigned application is running, it has full permissions on the device.</p>

<http://msdn.microsoft.com/en-us/library/bb416353.aspx>



You can disable the default security level by installing SecurityOff.cab from our download area.

Reset Operations

Procedure	RAM		ROM (User Disk)	Clock (RTC)	Key Combination
	OS Area	Program Area			
Soft Reset	-	initialised	-	-	[RESET]
OS Clear	initialised	initialised	-	-	[Fn] + [CLR] + [RESET]
Hard Reset	initialised	initialised	-	initialised	[Fn] + [Centre Trigger] + [+/-] + [RESET]
User Disc Clear	initialised	initialised	initialised	-	[Fn] + [CLR] + [.] + [RESET]
Power-on Reset	initialised	initialised	-	initialised	Switch on after battery discharge



For "User Disk Clear" ("Full Reset") operation you can also run DskClean.exe from Windows directory.

Casio Setup

- **Installs all CAB files that are in the same folder as the tool.**
- **Starts automatically after reset or from storage card.**
- **Can also be started from user application.**
- **Can make one single soft reset after installation instead of after each CAB file.**
- **Deletes old CAB files before installation if desired.**
- **Available as download for free.**



Always install latest service pack and patch files onto your mobile device.

Knowledgebase

Home > - Windows Internet Explorer - [InPrivate]

InPrivate http://www.casio-b2b.com/mis/euro/faq

Suchen: raso

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FAQ

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[Start](#) > [IT-300](#) > [Downloads / Tools / Patches](#)

Remarks: For your very first start as a developer you need the IT-300 Basic Deve includes the SDK, samples, and manuals. Beside of that you should have latest ser to your device.

We would like to draw your attention also to our enhanced sample applications that

Q: Which Tools, Downloads and Patches are available for the CASIO IT-300?

A: Documentation

ActiveMenu User Guide.pdf	21.02.2011	Active Menu User's Guide
manual.zip	23.02.2011	IT-300 Manuals
IT300QuickStart.pdf	23.02.2011	IT-300 Quickstart Guide (Developer)

(<http://www.casio-b2b.com/mis/euro/faq>)



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Questions & Answers