

Rugged Business Tablet

- TB100 -



User's Manual

400962G Version 1.1





This manual explains how to install, operate and maintain the TB100 Rugged Business Tablet.

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Adobe® Flash® Player support

+Flash Player 10.2 is now available for download on the Android™ Market. This is a production GA (General Availability) release for Android 2.2 (Froyo) and 2.3 (Gingerbread) devices and an initial beta release for Android™ 3.x (Honeycomb) tablets that include at least Google's <u>3.0.1</u> system update.

For more details, please visit http://blogs.adobe.com/flashplayer/.



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Safety and Maintenance

You can use your RBT (Rugged Business Tablet) under a wide range of environmental conditions. However, to ensure long use and continued high performance, consider the following factors when setting up your RBT:

- Follow all warnings and instructions noted in this documentation and in the Android[™] Help program.
- The input voltage range between the wall outlet and this adapter is AC 100V–240V, and the output voltage of this adapter is DC 12V, 2A.
- The first time you use your RBT, we recommend that you carefully read the Making Connections section of this manual and initialize the battery to ensure optimum battery performance.
- Unplug the RBT from the power outlet before cleaning. Use a damp cloth for cleaning. Do
 not use aerosols, solvents, or strong detergents.
- Slots and openings in the system cabinet are for ventilation purposes. Do not block or cover these openings or the system could overheat. Do not use or store the RBT near a source of heat or dust.



- On the base or rear panel of this RBT, there is a label with information on the power requirements of this system. These requirements must be followed. If you are unsure of your local power supply, consult your dealer or local Power Company.
- Do not step on or place anything on the power cord.
- If you use the RBT with an extension cord, ensure that the total ampere ratings of all the devices sharing the extension do not exceed the rating of the extension cord or the rating of the wall outlet.
- Never push foreign objects into the RBT through any of the slots or openings. Dangerous
 voltages are present, which could cause electric shock or fire, or damage sensitive
 components.

FCC Warning Statement

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

if not installed and used in accordance with the instructions, TB100 may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation in the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IC important note

IC Radiation Exposure Statement:

This equipment complies with IC RSS-1 02 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The County Code Selection feature is disabled for products marketed in the US/Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.



Cet appareil numenque de la classe B est conforme a la norme NMB-003 du Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that [he equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

This device has been designed to operate with an antenna having a maximum gain of 4 dBi. Antenna having higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

RF Radiation Exposure Statement

For body contact during operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Canadian Compliance Statement

This Class B Digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numerique de la classe B respecte les exigences du Reglement sur le material broilleur du Canada.

European Conformity Statement

Declaration of Conformity with regards to the R&TTE 1999/5/EC and EMC 89/336/ EEC directives.

RoHS (Reduction Of Hazardous Substances) Statement



This device conforms to RoHS European Union regulations that set maximum concentration limits on hazardous materials used in electrical and electronic equipment.



TaiwanNCC Warning Statement

交通部電信總局低功率電波輻射性電機管理辦法 (930322)

根據交通部低功率管理辦法規定:

- 第十二條 經型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自變更 頻率、加大功率或變更原設計之特性及功能。
- 第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應 立即停用,並改善至無干擾時方得繼續使用。前項合法通信,指依電信法規定作業之 無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Battery Charging Notice

It is important to consider the environment temperature when the Lithium-Ion battery pack is charged. Charging is most efficient at normal room temperature or in a slightly cooler environment. It is essential that batteries are charged within the stated range of 0°C to 40°C. Charging batteries outside of the specified range could damage the batteries and shorten their charging life cycle.

CAUTION!

Do not charge batteries at a temperature lower than 0°C. This will increase the internal resistance to cause heat and make the batteries unstable and unsafe. Please use a battery temperature-detecting device for a charger to ensure a safe charging temperature range.

Storage and Safety Notice

Although charged Lithium-Ion batteries may be left unused for several months, their capacity may be depleted due to build up of internal resistance. If this happens they will require recharging prior to use. Lithium-Ion batteries may be stored at temperatures between -20°C to 60°C, however they may deplete more rapidly at higher temperatures. It is recommended to store batteries at room temperature.

Warranty

The following items covered under the Unitech Limited Warranty are free from defects during normal use:

- TB100 1-year limited warranty.
- Built-in Lithium-Ion battery 6-month limited warranty.

Warranty becomes void if equipment is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user. Use only the adapter supplied. Using the wrong adapter may damage the unit and will void the warranty.



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Introducing the TB100

This RBT (Rugged Business Tablet) is a fully functional PC with built-in wireless connectivity, Bluetooth® and an optional 3G modern module. With your RBT you will be able to organize and access important business and personal information. In addition, you will be able to send and receive e-mail and access the Internet.

About your RBT

This User Manual contains set-up information and describes key elements of the RBT. Moreover, this manual describes all the features of the RBT in an easy-to-read yet thorough manner. New users can find a simple step-by-step orientation in each chapter.

About Android[™]

Android[™] for Developers offers an online orientation for Android[™] developers to answer any questions. Find it in:

http://developer.android.com/sdk/index.html

Features

- First built-in 3.75G HSUPA rugged tablet, weighing less than 600 grams
- Android[™] v3.2 operating system
- Gorilla® glass, 7" WXGA multi-touch TFT LCD display
- High capacity battery with 6 hours battery life
- WLAN 802.11 b/g/n, Bluetooth® 2.1 EDR, 3,75G (optional)
- Remote device management: 12Manage
- IP65 and 1.2m drop MIL standard

TB100 Product Introduction & Accessory Kit

Before you begin operating your tablet computer, please make sure that the following materials are enclosed:

- ✓ TB100 Rugged Tablet with Android[™] x 1
- ✓ AC Adapter with Power Cord x 1
- ✓ DVD-ROM for USB driver & manual (in PDF format) x 1

If any of these items should be missing or damaged, please contact your distributor or sales representative immediately.

Options

The following items are normally optional, but some vendors may include them in the standard package. Some items may not be available in some countries, or some vendors may choose not to carry all the times.



• 3G Modem Module

Caution: when purchasing any of the accessories listed above, purchase only those accessories that are approved for use with your Rugged Business Tablet. The above accessories are proprietary items. Our system vendor can obtain these approved accessories. If you use items that are not approved for use with this Rugged Business Tablet, you may cause your Rugged Business Tablet to malfunction, or to emit or receive electro-magnetic radiation in excess of local regulations. For non-proprietary accessories, such as PC cards or printers, ensure that the accessory functions properly in your Rugged Business Tablet before making the purchase. Your system vendor may be able to recommend reliable brands and models.

Making Connections

Your RBT is equipped with a full array of ports and connectors, including standard input/output (I/O) ports for quickly and easily adding peripheral devices, such as printers, keyboards, etc. Refer to documentation included with individual devices for details on connecting these devices to your rugged tablet.



Right Side Connectors

1. Mini HDMI

Connect to a HDMI device via mini HDMI cable.

2. Mini USB

Connect a mini USB cable to peripheral devices, such as a keyboard, mouse and flash.

3. DC-in Jack/USB (DC-in/USB)

Connect the DC power cable from the AC adapter to this jack. The power connector and USB can be connected to PC.



1. Power Button

The power button turns the RBT on/off. If the system is unresponsive, press/hold the power switch to force the RBT to power off.

Press and hold the button for two seconds to power on the RBT. To start or wake it up from sleep mode, press and hold the power button for 0.5 seconds to wake up the RBT. If the system is unresponsive, press and hold the power button to power off. A forced power off may result in data loss. It is strongly recommended to back up important data on a regular basis.

2. microSD Card Slot

Insert a microSD card into the microSD card slot. As the smallest flash memory card, it stores plenty of information even in a compressed state.

Bottom-Side Connectors



1. SIM Card Slot

Insert a mobile SIM card for 3G functions. Use a 3G SIM Card for wirelessly access to the Internet.

2. Earphone Port

Audio output/input for connecting the speaker or earphone The internal speaker will be closed automatically when the port has been connected.



1. Camera (Front Camera)

Photo taking/Video Recording/Net Meeting, etc.

2. Projected Capacitive Touch Screen Milti-touch Screen

Rear View



1. Camera (Rear Camera)

Photo taking/Video Recording/Net Meeting, etc.



Turning on the Rugged Business Tablet for the First Time



- Use only the power adapter that comes with your device. Using a different power adapter may damage your device.
- Using the provided power adapter to connect the TB100 to a power outlet is the best way to charge it.
- The input voltage range between the wall outlet and this adapter is AC 100V–240V, and the output voltage of this adapter is DC 12V, 2A.
- When using the TB100 for the first time, fully charge the battery for up to 8 hours to prolong battery life and whenever the battery power is depleted.
- If the computer does not provide enough power to charge the TB100, use the wall outlet instead.
- The TB100 CANNOT be charged via the USB port on the computer.

<u>Note:</u> The battery is not fully charged. Allow your battery to fully charge before using it (i.e., before disconnecting AC power). Calibrating the battery before use is also highly recommended.

The power button turns your RBT on and off. Hold the button for two seconds to power on. To start or wake it up from sleep mode, hold the power button for 0.5 seconds to display the shutdown confirmation. If the system is unresponsive, hold the power button to power off. A forced power off may result in data loss. It is strongly recommended that important data is backed up on a regular basis.



Touch Panel Control

Single touch

A single touch on the touch panel screen lets the user select a certain item or activate an application.

Double touches

Double touches on the File Manager let the user open a selected file.

Longer press

Long pressing an application allows you to drag and drop the application or the application shortcut to another desktop.

Long pressing a desired file in the File Manager allows you to copy, cut, rename or delete the selected file.

You can use a stylus on the top right corner to copy, cut, or delete multiple files at one time.

Input, insert, select or copy texts

The keyboard appears when you use word processor to edit documents or enter the web address on the web browser address bar.



Settings

The settings screen allows you to configure some settings of your TB100, which includes:

- ✓ Wireless & Network
- ✓ 3G
- ✓ Sound
- ✓ Screen
- ✓ Location & security
- ✓ Applications
- ✓ Account & sync
- ✓ Privacy
- ✓ Storage
- ✓ Language & input
- ✓ Accessibility
- ✓ Date & time

Wireless & Network

Step 1:

Select Wireless & networks for Wi-Fi settings, Bluetooth® settings, VPN settings and Mobile networks settings.

\bigcirc	Settings		
	Vireless & networks		
	🕀 Sound	Airplane mode	
	Screen	Disable all wireless connections	
	Location & security	Wi-Fi 🗹	
	Applications	Wi-Fi settings Set up & manage wireless access points	
	🗘 Accounts & sync	Bluetooth	
	Privacy	Turn on Bluetooth	
	📕 Storage	Bluetooth settings Manage connections, set device name & discoverability	
	A Language & input	Tethering Share your tablet's mobile data connection via USB or Bluetooth	
	🖐 Accessibility	VPN settings	
	🕚 Date & time	Set up & manage Virtual Private Networks (VPNs)	
	① About tablet	MODIE networks Set options for roaming, networks, APNs	
Ð	4 D	🔀 1:48	3 📲



Step 2: Select the name of your network.

Settings			≡_
₹ Wireless & networks	Wireless & networks Wi-Fi settings		
€ ا Sound	Wi-Fi		
Screen	Scanning		
Location & security	Network notification Notify me when an open network is available		
Applications	Wi-Fi disconnect policy Specify when to switch from WI-FI to mobile data		
🗘 Accounts & sync	Wi-Fi networks		
🗰 Privacy	Unitech Secured with WPA/WPA2 PSK	R	
Storage	UTEHQ		
👗 Language & input	Secured with 802.1x EAP		
🖐 Accessibility	AXIMCom1 Secured with WEP	9 8	
① Date & time	AXIMCom2	Ŧ	
About tablet	superkon wireless	-	
	Secured with WPA/WPA2 PSK		
		1 🖪 ? 4:54	- ∦ ∃∎

Step 3: Type in your <u>password.</u>

٢	Settings				$\equiv_{\mathcal{A}}$
	₩ Wireless & networks				
	🙌 Sound		Wi-Fi		
	Screen	Unitech			
	Location & security	Security	WPA/WPA2 PSK		
	Applications	Signal strength	Excellent		
	🗯 Accounts & sync	Password			
	🗰 Privacy		Show password		
	Storage	Proxy settings	None		
	🛕 Language & input	IP settings	DHCP		
	🖐 Accessibility	Conne	ct Cancel	R	
			AXIMCom2		
Ð	4 0			t 🖪 5:00	*



The system will confirm that you are connected to the WiFi network.



3G Step 1: For 3G functions, insert the SIM card and type in your PIN Number.







Sound

Touch **Sound** to configure volume settings for audio broadcasts.

Ó	Settings		
	▼ Wireless & networks		
	🕀 Sound	General	
	Screen	Vibrate Only in Silant mode	
	Location & security		
	Applications	volume	
	🗘 Accounts & sync	Notifications	
	🗰 Privacy	Notification ringtone	
	Storage	Feedback	
	A Language & input	Audible Selection Play sound when making screen selection	
	🖐 Accessibility	Screen lock sounds Play sounds when locking and unlocking the screen	
	() Date & time	Haptic feedback	
	 About tablet 	Vibrate when pressing soft keys and on certain UI interactions	
Ð			62:03 📲



Screen

Touch Screen to adjust the brightness of the TB100.

Settings		
🗑 Wireless & networks		
€ 10 Sound		
Ø Screen		
Location & security	Brightness	× .
Applications	Automatic brightness	
€ Accounts & sync	- Automatic origination	
🗰 Privacy		
Storage	OK Cancel	
👗 Language & input		
🖐 Accessibility		
🕚 Date & time		
(i) About tablet		
5 6 0		6 2:03 .

Location & security

Touch Location & Security to secure this tablet computer. This can also be used to determine positioning for Google Maps and other GPS related functions.

Settings	
₹ Wireless & networks	
Isound	My Location
Screen	Use wireless networks
Location & security	Use GPS satellites
🔊 Applications	When locating, accurate to street level
🗘 Accounts & sync	Use location for Google Search Location used to improve Google Search results and other Google services
🗰 Privacy	Lock screen
Storage	Configure lock screen No security
A Language & input	Owner info
🖐 Accessibility	
() Date & time	Encryption Encrypt tablet
About tablet	Require a numeric PIN or password to decrypt your tablet each time you power it on
	SIM card lock
5 Å ē	6 2:04



Applications

Touch **Applications** to manage applications, observe services, storage use and battery use, as well as to locate options in terms of application development.

\bigcirc	Settings		
	₩ireless & networks		
	🙌 Sound	Manage applications	
	Screen	Manage and remove installed applications	
	tocation & security	Running services View and control currently running services.	
	🔄 Applications	Storage use View storage used by applications	
	🗯 Accounts & sync	Battery use	
	🛄 Privacy	What has been using the ballery	
	Storage	Unknown sources Allow installation of non-Market applications	
	A Language & input	Development Set options for application development	
	🖐 Accessibility		
	() Date & time		
	① About tablet		
Ð		6.2:0	5

Accounts & sync

Touch **Accounts & sync** to decide which applications to receive and sync data.

Ó	Settings		+ Add account
	▼ Wireless & networks		
	🕀 Sound	General sync settings	
	O Screen	Background data Applications can sync, send, and receive data at any time	
	Location & security	Auto-sync	
	Applications	Applications sync data automatically	
	🗯 Accounts & sync	Manage accounts	
	🗰 Privacy		
	Storage		
	A Language & input		
	🖐 Accessibility		
	() Date & time		
	 About tablet 		
Ð			🖪 2:05 🖬



Privacy

Touch **Privacy** to back up important files.

Settings	
🗑 Wireless & networks	
📢 Sound	Backup and restore
Screen	Back up my data Back up application data. Wi-Fi passwords, and other settings to Google
Location & security	
Applications	
🗘 Accounts & sync	
Privacy	Personal data
Storage	Factory data reset Erases all data on tablet
🔥 Language & input	
🖐 Accessibility	
① Date & time	
About tablet	
	6 2:05

Storage

Touch **Storage** to view how much storage space is filled up, and to view the available storage space.

Settings	
 ♥ Wireless & networks ♦ Sound ♦ Screen ↓ Location & security ▲ Applications ▲ Applications ▲ Accounts & sync ➡ Privacy ■ Storage ▲ Language & input ♦ Accessibility ④ Date & time ④ About tablet 	Storage Internal Storage Total space 12.81c0 Applications 13.74M Pictures, Videos 1.22M8 Misc. 8.81MB Available 12.7168
5 8 8	e 2:06 🖬



Language & input Touch Language & input to choose the correct language.

Ó	Settings	
	♥ Wireless & networks	Language & input Select language
	🙌 Sound	Čačtina
	Screen	CESUITA
	E Location & security	Dansk
	Applications	Deutsch (Deutschland)
	🗘 Accounts & sync	Deutsch (Schweiz)
	🗰 Privacy	
	Storage	English (Canada)
	A Language & input	English (United Kingdom)
	🖐 Accessibility	English (United States)
	() Date & time	anguar (annea annea)
	① About tablet	Español (España)
Ĵ	4 D	6 2:06 ₹ 1

Date & time

Step 1:

Touch Date & time appropriate for your time zone.

Settings		
Wireless & networks		
ৰী Sound	Automatic date & time	
Screen	Use network provided time	
Location & security	Automatic time zone State Stat	
Applications	Set date 6/14/2012	
C Accounts & sync	Set time	
🗰 Privacy	2:07 AM	
Storage		
A Language & input	Use 24-hour format 1:00 pm	
🖐 Accessibility	Select date format	
() Date & time		
① About tablet		
	6 2:0	7 🗑 🕯



Step 2: The system will confirm the date.

₩ireles														
🕕 Sound														
Creen		Set date												
🔛 Locatio						Ju	ine,	201	2					
🖉 Applica														
🗯 Accoun				2012	27 3	28 4	29 5	30 6	31 7	1 8	2 9			
🗰 Privacy		Jun	14	2012	10		12	13	14	15	16			
📕 Storage					17	18 25	19 26	20 27	21 28	22 29	23 30			
🔥 Langua														
🖐 Accessi			Set				Can	cel						
	time													





Appendix A

System Specification

	CPU		N٧	/IDIA®	Tegra™ 2 1.0 GHz Dual Core Processor	
	Memory	y	DD)R2 10	GB SDRAM	
	OS		An	droid⊤	[™] v3.2	
	Storage	;	16	GB eN	/IMC Flash	
System Features	Novigo	lion	GF	۳S		
System reatures	Naviga		Dig	gital co	ompass	
			Lig	iht Sei	nsor	
	Other		G-	Senso	r	
	Outor		3-a	axis di	gital gyroscope	
			Vik	pration	motor	
	Display	Туре		7" 16	:10 TFT LCD	
	Max. R	esolu	tion	1280	x 800	
LCD Panel	Max. C	olor		262K		
	Dot Siz	е		0.117	755(H) x 0.117755(V)	
	Lumina	nce		400 c	:d/m	
	View Ar	ngle		Horiz	ontal 178° (Typical) / Vertical 178° (Typical)	
	Type			C	Gorilla 7H hardness glass	
Touch Screen	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			F	Projected Capacitive Multi-Touch Panel	
	Light Tr	ansm	issio	n 🔮	≧87%	
Camera	Front	1.2M	l Pixe	l came	era	
Camera	Rear	5M F	Pixel A	\F car	nera	
	WLAN	IEEE	802	.11 b/g	ı/n	
Communication	PAN	Blue	tooth	2.1 +	EDR	
	WWAN	3.75	G HS	SPA+:2	21Mbps(DL)/5.76Mbps(UL)	
		UM	<u> </u>	SDPA	/ HSUPA/ PA+850/ 900/ 1900/ 2100MHz	
Power Source	AC/DC	Adap	ter /	AC Po DC Po	wer input: 100V-240V, 50Hz-60Hz, 12V/2A, 24W ower output: 12V/ 2A	
i ower Source	Battery		l	Li-Poly 6 Hrs I	/mer high capacity battery (27Whr) Battery Life	
	Weight		1.26	o (570	g) with 3.75G	
Enclosure		•	1.231			
	Dimens	sion	136.	6mm		
	Operati	ng te	mpera	ature	-4°F ~ 140°F (-20°C ~ 60°C)	
	Storage	e temp	peratu	ure	-67°F ~ 167°F (-55°C ~ 75°C)	
	Relative	e Hun	nidity		10 to 95% @ 40°C, non-condensing	
					26 drops of 48 inches height to 2" plywood over	
	Drop Sp	Decitio	cation)	concrete with unit off	
Environmental					MII Std 810G-516.6, Procedure IV	
Environmental	Sealing				IP65	
					Meets Mil Std 810G-514.6	
					Procedure I Cat. 24, Fig. 514.6E-1 &	
	Vibratio	n			514.6E-2(Unit is non-operating)	
					ASTM 4169-99 Truck Assurance Level II	
	ESD				Air +/- 8KV, Contact +/- 4KV	



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I/O Port	DC-IN Jack x 1 Mini USB Port x 1 Mini HDMI Port x 1 microSD Card Slot x 1 3.5-mm stereo headphone jack x 1 Built-in Speaker & Microphone
Regulatory Approv	als CE/ FCC Class B/ UL.RoHS compliance
Accessories	Vehicle Cigarette Charger Holster MS910 Pocket Scanner Power Cord



The MS910 can be connected to TB100 as HID (Human Interface Device) (Keyboard) mode and also be operated by using BluetoothConnect at Unitech TB100 as SPP (Serial Port Profile) mode.

Connecting via HID Mode

1. Take the MS910 and scan the HID barcode.



- 2. The scanner will emit several short beeps and then stop beeping. The green LED light will flash continually during the pairing process.
- 3. At the TB100, go to the **Bluetooth settings**.

Ó	Settings		
	₹ Wireless & networks		
	🙌 Sound	Airplane mode	
	Screen		
	Location & security	Wi-Fi Connected to Unitech	
	Applications	Wi-Fi settings Set up & manage wireless access points	
	🗯 Accounts & sync	Bluetooth	<u> </u>
	🗰 Privacy		
	🗂 Storage	Bluetooth settings Manage connections, set device name & discoverability	
	A Language & input	Tethering Share your tablet's mobile data connection via USB or Bluetooth	
	🖐 Accessibility	VPN settings	
	① Date & time	Set up & manage Virtual Private Networks (VPNs)	
	(i) About tablet	MODILE NETWORKS Set options for roaming, networks, APNs	
Ð			🖟 10:48‡ ₹і



4. Touch Find nearby devices to pair with the MS910 scanner.

Settings		
🐺 Wireless & networks	Wireless & networks Bluetooth settings	
🙌 Sound	Device settings	
O Screen	Bluetooth	
Location & security	Device name	
Applications		
🗯 Accounts & sync	Discoverable Make device discoverable	
III Privacy		
Storage	Show received files	
A Language & input	Show the list of files received via Bluetooth	
🖐 Accessibility	A2401-9802-NB	
🕚 Date & time	Paired but not connected	ци <i>о</i> с
About tablet	Nokia N95_George Paired but not connected	æ
	Find nearby devices	
5 6 0		11:45* 🖬

5. You will see the MS910 listed as [Wireless Scanner] under **Found devices**. Select this device on your TB100 and begin to pair.

٢	Settings		
	₹ Wireless & networks	Bluetooth settings Find nearby devices	
	🙌 Sound	Scan for devices	
	O Screen		
	Location & security	round devices scanning	
	Applications	Pair with this device	
	🗘 Accounts & sync	D0:16:09:72:A7:E8 Pair with this device	
	🗰 Privacy	A2401-A117-NB Pair with this device	
	Storage	A7009-A050-NB	
	A Language & input	Pair with this device	
	🖐 Accessibility		
	() Date & time		
	About tablet		
5	ά O	± 🖪 1	1:49 * 🖬

6. The TB100 will create a random pincode which you should scan with MS910. Before scanning the random pincode generated by the TB100, use the MS910 to scan the **Pincode Start** barcode below.





7. Scan the random barcode generated by the TB100 through the barcode table below. For example, if your pincode is "241657", scan [2] – [4] – [1] – [6] – [5] – [7] in sequential order:









8. Scan the [Enter] barcode below.



9. Scan the [Pincode-Stop] barcode



10. Once the MS910 scanner is paired with the TB100, the scanner will beep twice to verify a successful connection and you will see the "...connected" message, as shown below.

0	Settings		
	🐺 Wireless & networks	Wireless & networks Bluetooth settings	
	📢 Sound	Device settings	
	Screen	Bluetooth	
	Location & security	Device name	
	Applications		
	🗘 Accounts & sync	Discoverable Make device discoverable	
	III Privacy		
	Storage	Show received files	
	A Language & input	Show the list of files received via Bluetooth	
	🖐 Accessibility		
	() Date & time	Connected	- A
	About tablet	A2401-9802-NB Paired but not connected	9.0 🖍
		Nokia N95_George	×
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a. From **Keyboard settings** of the Language & input setting page, touch Current input method and determine to select the **ASUS English (US) Keyboard (ASUS Keyboard)** input method.

🙌 Sound	Language settings	
Screen	Select language	
Location & security		
Applications	User dictionary	
🗘 Accounts & sync	Voice Input	Select input method
Privacy	Voice recognizer settings	
Storage	Voice output	ASUS English (US) Keyboard (ASUS Keyboard)
A Language & input	Text-to-speech settings	English (US) Keyboard (Android keyboard)
🖐 Accessibility	Keyboard settings	
① Date & time	Current input method	English Voice (Android keyboard)
About tablet	Input method selector Automatic	
	Configure input methods	BluetoothConnect
	comgare input metious	Configure input methods
		comgute input includus

- b. To do a test, open Polaris Office and create a new Document or even a new E-mail [anything that will allow you to type in data].
- c. Scan a number bar code from this manual.
- d. That number should appear on the TB100 in the application you opened.
- e. If not, please scan [Disconnect] barcode below and repeat steps 1 to 9 above.
- Note. To disconnect the scanner from the host or to switch the wireless profile from one to another, please scan the [Disconnect] barcode. After scanning the [Disconnect] barcode, the MS910 will emit 3 beeps.



Connecting via SPP Mode

- 1. Turn on the TB100.
- 2. Press the MS910 scanner trigger for 1 second to activate.
- 3. Scan the [Disconnect] barcode.



4. Scan the [SPP] barcode below.



5. The scanner will emit several short beeps and then stop beeping. The green LED light will flash continually during the pairing process.



6. From the Home screen, touch **Apps** at the upper right side of desktop, and then touch **Settings**.



7. Touch **Applications** and allow **Unknown sources** for some downloaded applications that are not certified

Ó	Settings		
	₹ Wireless & networks		
	🙌 Sound	Manage applications	
	Screen	Manage and remove installed applications	
	Location & security	Running services View and control currently running services	
	Applications	Storage use View storage used by applications	
	🗯 Accounts & sync	Battery use	
	🗰 Privacy	What has been using the battery	
	Storage	Allow Installation of non-Market applications	
	A Language & input	Development Set options for application development	
	🖐 Accessibility		
	🔇 Date & time		
	(i) About tablet		
5	ά ē	6 5:08	* 🗑 🗎

- Download a compression application, for example, AndroZIP from Google Play to decompress the BluetoothConnect application you will download later for operating the MS910 in the SPP mode. Before downloading the compression application, be sure to have a Google account.
- 9. Download a QRcode scan application, for example, **QuickMark** from Google Play to scan the **BluetoothConnect** download QRcode.



10. Scan the QRcode shown below to download the **BluetoothConnect** application by using the QRcode scan application installed in TB100.



11. You are now led to the directory, as shown below, where the **BluetoothConnect** APP exists. Touch the APP.

AndroZip					
PLACES	/mnt/sdcard/AndroZip				-
HOME	Parent folder				THURING
DOWNLOADS	BluetoothConnect.apk 2012-07-18 -rw			59.9 KB	1
PICTURES					i i i
MUSIC					New
MOVIES					
APP BACKUP					4
					Search
					\$€
					: :
					₹, I
大天花45分鐘 英文頁力倍增 www.tutorabc.com Ads by Google					
5 Č 🗇		Ŷ	ŶM	5:16*	₹ 🕯



12. Touch Install.

AndroZip		
PLACES		
HOME		
DOWNLOADS	BluetoothConnect.apk 59.9 KB 2012-07-	A
PICTURES	Choose Action	Ē.
MUSIC	Install	New
MOVIES	Extract file bere	
APP BACKUP		4
	Extract to	
	View Archive) Search
	Could Be and Be	
	Send	
	Cancel	-
		/ Set:
天天花45分鐘 英文實力倍增 ¹¹⁻		
5 Å 🗇	🖄 🖄 🔣 📩 5:16 🕴	Ŧ

13. Touch Install again.

AndroZip		
PLACES		
HOME	Parent folder	- one
DOWNLOADS	Package installer 59.9 KB	Ŷ
PICTURES		- -
MUSIC	BluetoothConnect	New
MOVIES	Do you want to install this application?	
APP BACKUP	Allow this application to:	4
FAVORITES	 Storage modify/delete SD card contents 	?
	Vetwork communication create Bluetooth connections	A
	Phone calls read phone state and identity	
	System tools bluetooth administration	
	Install Cancel	ب ر
		(B)
天天花45分鐘 英文實力借增 ^{制 ·}		
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14. After the **BluetoothConnect** application is installed, touch **Open**.

PLACES		1	-
HOME	Parent folder		
DOWNLOADS	BluetoothConnect.apk 2012-07-18 -rw		7
PICTURES			-
MUSIC			
MOVIES	Package installer		
APP BACKUP	BluetoothConnect		d,
	✓ Application installed		Ģ
	Open Done		
天天花45分鐘 英文實力倍增 ⁸¹			
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15. In this step, you are led to the Language & input setting page. Check BluetoothConnect to enable.

Ó	Settings		
	₹ Wireless & networks		
	🙌 Sound	ASUS Keyboard	
	Screen		
	Location & security	Active input methods	
	🖄 Applications	ASUS English (US) Keyboard	
	🗘 Accounts & sync	Settings	
	🗰 Privacy	Android keyboard	
	Storage		
	A Language & input	Active input methods	
	🖐 Accessibility	English (US) keyuuanu, English voite	
	🕚 Date & time	Settings	
	 About tablet 	BluetoothConnect	
		BluetoothConnect	
5		🖄 🖄 🔝 💼 ± 5:17 🕯	₹ 🗎



16. Touch OK to accept this input method.

	🗑 Wireless & networks					
	🙌 Sound					
	Screen					
		Attention				
	Applications			-		
	🗘 Accounts & sync	This input metho type, including p	d may be able to collect all the text you ersonal data like passwords and credit			
	🗰 Privacy	BluetoothConnec	t. Use this input method?			
	Storage	OK	Canrel			
	A Language & input	OK .	Fortice Input metrous			
	🖐 Accessibility					
			BluetoothConnect			
6	~ ¬					- •
\Box					I 5:18 ×	¥.

17. On the Language & input setting page, touch Current input method.

\bigcirc	Settings	
	₹ Wireless & networks	
	🙌 Sound	Voice input
	Screen	Voice recognizer settings
	Location & security	Voice output
	Applications	Text-to-speech settings
	🗘 Accounts & sync	Keyboard settings
	III Privacy	Current input method
	Storage	Input method selector
	A Language & input	Automatic
	🖐 Accessibility	Configure input methods
	() Date & time	Mouse and trackpad settings
	① About tablet	Pointer speed
Ð		🖄 🖄 🔤 🔀 ± 5:19 🕴 🖬



₩ Wireless & networks				
🜒 Sound				
Screen	Select input method			
	ASUS English (US) Keyboard (ASUS Keyboard)	0		
Applications				
🗯 Accounts & sync	English (US) Keyboard (Android keyboard)			
🗰 Privacy	English Voice (Android keyboard)			
Storage	BluetoothConnect	۲		
🛕 Language & input				
🖐 Accessibility	Configure input methods			

19. Touch the **BluetoothConnect** application on the desktop of TB100.





20. Touch the menu icon to make the menu pop up.



21. Touch the Connect to Barcode Reader button for searching for a MS910 scanner around.

BlueConnect v1.2					
			ш		
Connect to Barcod	le Reader		Disconnect		
0,		æ	×		
Pairing Devices	Enab	le Input Method	Exit		
			= * <u>†</u> 🖬 🖻 5:27* 🛡 🖡		



22. Touch Scan for devices.

BlueConnect v1.2				
select a device to conner Paired Devices	ct			
Nokia N95_George 00:1A:DC:CF:03:79				
A2401-9802-NB 00:16:41:B3:19:1E				
	Scan for devices			
		M i	Ŵ	is:32% 7 ∎

23. A MS910 scanner is found. Select and touch the scanner for pairing with TB100.

BlueConnect v1.2	_
select a device to connect Paired Devices	
Nokia N95_George 00:1A:DC:CF:03:79	
A2401-9802-NB 00:16:41:B3:19:1E	
Wireless Scanner 00:1C:97:FE:AD:EF	
Scan for devices	
	à à 🛛 🖪 5:06 🕯 🖬



24. Touch the PIN code input area.

BlueConnect v1.2		
	Bluetooth pairing request Enter PIN to pair with "Wireless Scanner". (Try 0000 or 1234.) You may need to enter the same PIN on the Bluetooth device. OK Cancel	
> 公 口		5:33 🖬

25. Enter the default PIN code to pair with "Wireless Scanner". The default pairing code is 1234. Touch "**Done**" after inputting the PIN code.

q w e r t y u i o p a s d f g h j k l ☆ z x c v b n m EL	••••								Done
a s d f g h j k I ♀ z x c v b n m	q v	/	e	r	t y	y I	ı i	i d	o p
°∲zxcvbnm ∭≣	а	S	d	f	g	h	j	k	
	°	z	х	с	v	b	n	m	
	, in the second		123		J		• ,		Ļ



26. Touch **OK** to confirm the PIN code input. The scanner will beep twice to verify the successful connection.

BlueCo	onnect	/1.2											
			Ent or 1	Bluetooth pa ter PIN to pa 234.) You m OK	iiring reque air with "Wi ay need to Bluetoot	est ireless Scanni enter the sar h device.	er". (Try 0000 ne PIN on the Cancel						
Ć í	î î							<u>†</u>	1 Î	Ĵ	ŝ	5:35	*

27. Now you are able to transfer barcode data onto your TB100.

BlueConnect v1.2	
1 2 3 4 5 6 7 8 9 0	
5 & 0 E	1 0 0 0 6 5:07* 7



Disconnecting the MS910 scanner from TB1001. Touch the Disconnect button to disconnect MS910 from TB100.

BlueConnect v1.2						
Connect to Barcode	Reader		Disconnect			
Q		£	×	(
	Enable Inn	ut Mathad	Ev	` i+		
		at wethou	= \$ <u>↑</u> ⊠ Ĥ	5:27 * T i		

2. Touch the **Exit** button to make the BluetoothConnect application exit. BlueConnect v1.2







FAQ (Frequently Asked Questions)

Q1: What is the default storage path to download software?

From Apps of the Home screen, touch File Manager. The default path is: /sdcard/download.

Q2: *How can I cancel the auto stand-by function?* From the Home screen, touch **Settings** -> **Screen** > **Timeout** -> **Never**.

Q3: How do I configure the keyboard input method?

- 1. From the Home screen, touch **Settings** -> **Language & input** -> **Current input method**.
- 2. Select an input method.

Q4: *How do I cancel the password upon booting?* From the Home screen, touch **Settings** -> **Privacy** -> **Factory data reset-**> **Reset Tablet**.

Q5: How do I restore the original factory mode? From the Home screen, touch **Settings** -> **Privacy** -> **Factory data reset** -> **Reset Tablet**.

Q6: How do I increase the GPS speed?

- 1. From the Home screen, touch **Setting** -> **Location & security**.
- 2. Select three items at the same time: Use Wireless networks, Use GPS Satellites, and Use location for Google Search.

Q7: How can I do a screen shot?

- 1. From the Home screen, touch **Setting** -> **Screen** -> **Screenshot**.
- 2. Press soft key to display the recent apps. The TB100 will state: "Screenshot is saved. Stay in screenshot mode?".
- 3. Select "yes".
- 4. Check the photos stored on the "File Manager" path: /sdcard/Screenshots.

Q8: How do I uninstall applications?

- From the Home screen, touch Setting -> Applications -> Manage applications -> Downloaded.
- 2. Select the applications that you would like to uninstall.
- 3. Touch Uninstall.

Q9: How do I replace the desktop background?

- 1. From the Home screen, touch the "+" key at the upper right side of desktop.
- 2. Touch "Wallpapers".

Q10: How do I remove shortcuts on my Desktop?

From the Home screen, press and hold the shortcut and move the shortcut to **Remove** at the upper right side of your desktop.

Q11: How do I add a shortcut to my desktop?

- 1. From the Home screen, touch the "+" key at the upper right side of the desktop
- 2. Select an application to move to the desktop.



Q12: How do I stop the screen from rotating automatically?

- 1. From the Home screen, touch Settings -> Screen.
- 2. Cancel Auto-rotate screen.

Q13: How do I start GPS services?

- 1. From the Home screen, touch **Settings** -> **Location & security**.
- 2. Enable GPS Satellites.

Q14: How do I install applications that are prohibited for security reasons?

- 1. From the Home screen, touch **Settings** -> **Applications**.
- 2. Touch Unknown sources.
- 3. Select **OK** on the Attention prompt.

Q15: How do I replace my default web browser homepage?

- 1. From the Home screen, touch **Browser**.
- 2. Touch Settings at the upper right side of the browser.
- 3. Touch General -> Set homepage.
- 4. Determine that the website listed herein is your default web browser homepage. If not, re-input the web site you want for the default web browser homepage.
- 5. Select OK.



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Worldwide Support

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Unitech Japan	http://jp.ute.com
Unitech America	http://us.ute.com; http://can.ute.com
Unitech Latin America	http://latin.ute.com
Unitech Europe	http://eu.ute.com