

10.4" TFT LCD Wireless Thin Client

100WT_{10P}

100WT10P

10.4" TFT LCD Wireless Thin Client

QUICK START GUIDE

Revision 1.1

June 2003



Change Notes

Date	Rev.	Who	Revision Notes
06/04/2003	1.0	Hsinyi Chang, Daniel Hsu	Initial draft.
06/12/2003	1.1	Hsinyi Chang, Daniel Hsu	1. Amend the load battery section in hardware setup 2. Add software setup section 3. Delete RFID and battery charger specifications



REGULATORY NOTICES

Federal Communications Commission (FCC) Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of 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.

FCC Warning!

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

CAUTION!

-  **CAUTION!** Danger of explosion if an improper battery is substituted. If a replacement is needed, only replace with a manufacturer issued battery pack.

 Do not dispose of the battery pack in a fire. They may explode. Check with local authorities for proper disposal instructions.

Declaration of Conformity

We declare that the product is in conformity with

EN55011 EN300328-2 EN301489-1/-17 EN60950

European Electromagnetic Compatibility Directive 89/336 EEC amended by the directive.

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD 73/23 EEC and 93/68/EEC

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

RSS-210

"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."

To prevent damage that may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

Notice !

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions:

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

The FCC require the user to be notified that any changes or modification made to this device that are not expressly approved by **AboCom System, Inc.** may avoid the user's authority to operate the equipment.



PACKING LIST

The 100WT10P carton contains the following items:

1. 100WT10P pad
2. Base station
3. Battery
4. AC power adaptor
5. Stylus X 2
6. Mini USB B to A cable
7. Mini VGA cable
8. Set-up CD-ROM
9. Quick Start Guide

1. 100WT10P pad



2. Base station



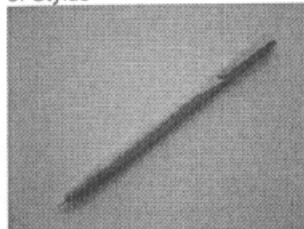
3. Battery



4. AC power adaptor



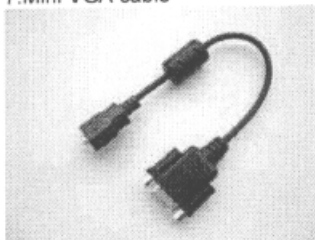
5. Stylus



6. Mini USB B to A cable



7. Mini VGA cable



8. Set-up CD-ROM

9. Quick Start Guide



GETTING STARTED

Step 1. Hardware Setup

1. Base station Setup
 - 1.1. Connect power cord to the AC power adaptor.
 - 1.2. Plug the cord into the base station first and then the other end into a power outlet.
2. Load Battery
 - 2.1. Make sure the power switch at lower-left corner of your 100WT10P is in the OFF position.
 - 2.2. Install the Battery
 - 2.2.1. Place 100WT10P on your desk with its face down
 - 2.2.2. Place the battery in the battery slot then press it down to fit in
 - 2.2.3. Push the battery latch 1 to the locked position
 - 2.2.4. For the first time use, it requires 5 hours to full charged , and the full charged battery will last up to 4 hours
3. Get Ready

To operate the pad with AC connection,

 - 3.1. Place 100WT10P into its base station
 - 3.2. Power on 100WT10P
4. WLAN Setup
 - 4.1. Click Start Menu
 - 4.2. Choose Settings
 - 4.3. Choose Network and Dial-up Connections
 - 4.4. Choose PRISMNDSI-PCI
 - 4.5. A dialog box pops up. Click the Wireless Networks tab. In Available Networks panel click Fresh button. In a few seconds it comes up a list of available networks
 - 4.6. Select a network that you wish to connect to
 - 4.7. Click Configure
 - 4.8. Click OK
5. Restart
 - 5.1. Occasionally user might need to restart the pad operation right in the middle of an application.
 - 5.2. Software restart. This is to restart the OS without suspending the pad operation. Place the pad with its face down, slide the Restart switch so you can see the Software Reset button. Push the button with the tip o, and the OS will restart.
 - 5.3. Hardware restart. Slide the Restart switch to show the Hardware Reset button. Push the button with a tip of a pencil to hardware restart. Be noted the content of memory will be deleted with a hardware reset.

Step 2. Software Setup

MS Windows CE.NET is used as the operation system. It's embedded in the hardware when the product shipped. To use the pad as the first time, there are some setup processes that might be of use.

1. Input Panel
 - 1.1 Input panel is the "virtual keyboard" that can be turn on by pushing the hot button on the far right bottom of the pad. It can be turn off by another push.
 - 1.2 Input panel has the size of large or small to choose to. Go to Settings>Control panel>Input panel to select the size of keyboard.
2. Stylus recalibration
 - 1.1 User will rely on stylus tapping to operate the pad. The tapping pattern is varied among users. Therefore there is a setup process for the system to learn the tapping pattern of a new user. Go to Settings>Control panel>Stylus then follow the instruction on the screen to go through the process for the stylus tapping recalibration.



3. SPECIFICATION

Processor	Intel Cotulla PXA255 Processor 400MHz	
Operating System	Microsoft Windows CE.NET 4.1	
Remote Protocol	• Microsoft RDP 5.1 • Citrix ICA 6.30.1071	
Major Application	• Vertical applications such as medical, retail, point of sale, etc. • Remote access • Web browser	
Memory	128 MB SDRAM on board	
Flash ROM	32 or 64 MB flash memory module options	
LCD Panel Characteristic	Type: Transmissive TFT LCD Screen size: 10.4 inch, 211.2 x 158.4 mm Pixel pitch: 0.264 x 0.264 mm Resolution: SVGA, 800 x 600 pixels Display colors: 18-bit colors Contrast ratio: 250 typical Brightness: 120 cd/m² Viewing angle: Upper 15° typical (C/R ≥10) Lower 35° typical Left 45° typical Right 45° typical	
Pointing Device	Touch panel with 12-bit A/D converter; 100 samples per second	
Audio System	AC97 2.2, internal microphone and speaker; stereo supported via earphone jack	
Networking	Built-in 802.11b mini-PCI WLAN module with integral antenna; optional Cisco LEAP security support	
Pad I/O	• 1 x mini VGA out • 1 x COM port • 2 x USB type A (supports USB 1.1) • 1 x USB mini type B (supports USB 1.1) • 1 x Audio jack for external earphone • 1 x Audio jack for external microphone • 1 x DC-in jack • 1 x PCMCIA type II • 1 x IrDA • 1 x Docking connector • 1 x Speaker • 1 x Modular connector (supports COM, PCI, USB 1.1 host) • 1 x Internal microphone • 1 x Power LED indicator • 1 x WLAN LED indicator	
Base Station I/O	• 1 x DC-in jack • 2 x USB type A (supports USB 1.1) • 1 x Power LED indicator	
Button and Control on Pad	• 4 x Customized hot key • 1 x Input panel • 1 x Four-way direction key with Enter • 1 x Power on/off • 1 x Stylus release • 1 x Wireless on/off • 1 x Battery on/off • 1 x Battery release • 1 x Hardware reset • 1 x Software reset	– launch button – launch button – rocker switch – slide switch – slide switch – slide switch – slide switch – slide switch – push button – push button



Power LED Indicator on Pad	Solid green: power on and battery okay; or AC power on and battery full Blinking green: battery charging Solid amber: power on and battery low (6% of power) Blinking amber: power on and battery critical low (3% of power) Off: power off
Power LED Indicator on Base Station	Solid green: pad docked and AC power on Off: either pad undocked or not AC power on
WLAN LED Indicator on Pad	<i>(refers to signal quality definition in WLAN Zero Configuration from Microsoft Windows)</i> Solid green: excellent signal; or very good signal Solid amber: good signal; or low signal Blinking amber: very low signal Off: no signal; or WLAN switch off
Battery	Swappable smart Li-ion battery pack; up to 4 hours battery life (connected to WLAN, continuous use, no expansion loaded)
AC Adapter	Input: Universal 100V~ 240V AC, 50~60Hz, 1.5A Output: 19V DC, 3.16A, 60W MAX
Physical Dimension	Pad dimension (W x H x D): 313.5 x 235.5 x 29.0 mm Base station dimension (W x H x D): 167.0 x 110.5 x 122.5 mm Pad weight: 1.6 Kg Base station weight: 1.0 Kg
Operating Environment	Operating temperature: 0°C to +40°C Storage temperature: -20°C to +60°C Operating humidity: 20% to 80%
Durability	• Rugged anti-shock design withstanding 3 feet drop test (4 feet with optional body glove) • IP53 water and dust resistant construction
Regulatory Approval	• CB • CE • TÜV • EN55011 • FCC • UL/cUL • ICES003 • RSS-210 • BSMI • DGT • C.C.C • SRRC
Included Accessory	• Battery • AC adapter and power cord • 2 x Stylus • Base station • Mini USB B to A cable • Mini VGA cable
Optional Accessory	• Extra AC adapter and power cord • Extra battery • Stylus 3-pack • Body glove • Carrying bag