

Avalue Intelligent Display & System

AID-173SHR

All-In-One Bedside Terminal

Quick Reference Guide

1st Ed- 07 December 2011

Copyright © 2011 Avalue Technology Inc., All Rights Reserved

:

By Jason Lin

Part No: E2017173HA1R



Federal Communication Commission Interference Statement

THIS DEVICE COMPLIES WITH PART 15 OF THE 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 UNDESIRE OPERATION.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, 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 the one the receiver is connected to.**
- **Consult the dealer or an experienced radio/TV technician for help.**

Notice:

- (1) **A Unshielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.**
- (2) **Use only shielded cables to connect I/O devices to this equipment.**
- (3) **Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

FCC RF Radiation Exposure Statement

This equipment complies with FCC 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. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Shielded interface cables must be used in order to comply with emission limits.

CONTENT

1. AID-173SHR Bedside Terminal Features	5
1.1 Front view	6
1.2 Rear & Bottom view	7
1.3 Handset.....	8
2. Setting-up AID-173SHR Bedside Terminals	9
2.1 Mounting.....	10
2.2 Cabling.....	11
Please follow below steps to connect power cable to system.	11
2.3 System Activation & Registration	12
2.4 Connecting to the Internet	13
3. Using AID-173SHR Bedside Terminals	14
3.1. Turn ON/OFF the System	15
3.1.1 Turn ON the System	15
3.1.2 Turn OFF the System	15
3.2 Using LCD Display and Touch Screen.....	16
3.2.1 Adjust System Volume.....	16
3.2.2 Adjust LCD Display Brightness.....	16
3.2.3 Using Touch Screen	16
3.3 Using Earphone and Microphone	17
3.4 Using the Smart Card Reader	18
3.5 Using Magnetic Stripe Reader	19
3.6 Using RFID Reader/Writer	20
3.7 Using Handset.....	21
3.8 Using Barcode Scanner	23
4. Upgrading AID-173S Bedside Terminals	24
4.1 Adding/Removing/Replacing Memory	25
4.2 Adding/Removing/Replacing TV Tuner.....	26
4.3 Removing and Replacing the Wireless Card.....	27
4.4 Adding 3rd Party Mini-PCle Cards	28
4.5 Removing and Replacing the Hard Disk Drive	29

1. AID-173SHR Bedside Terminal Features

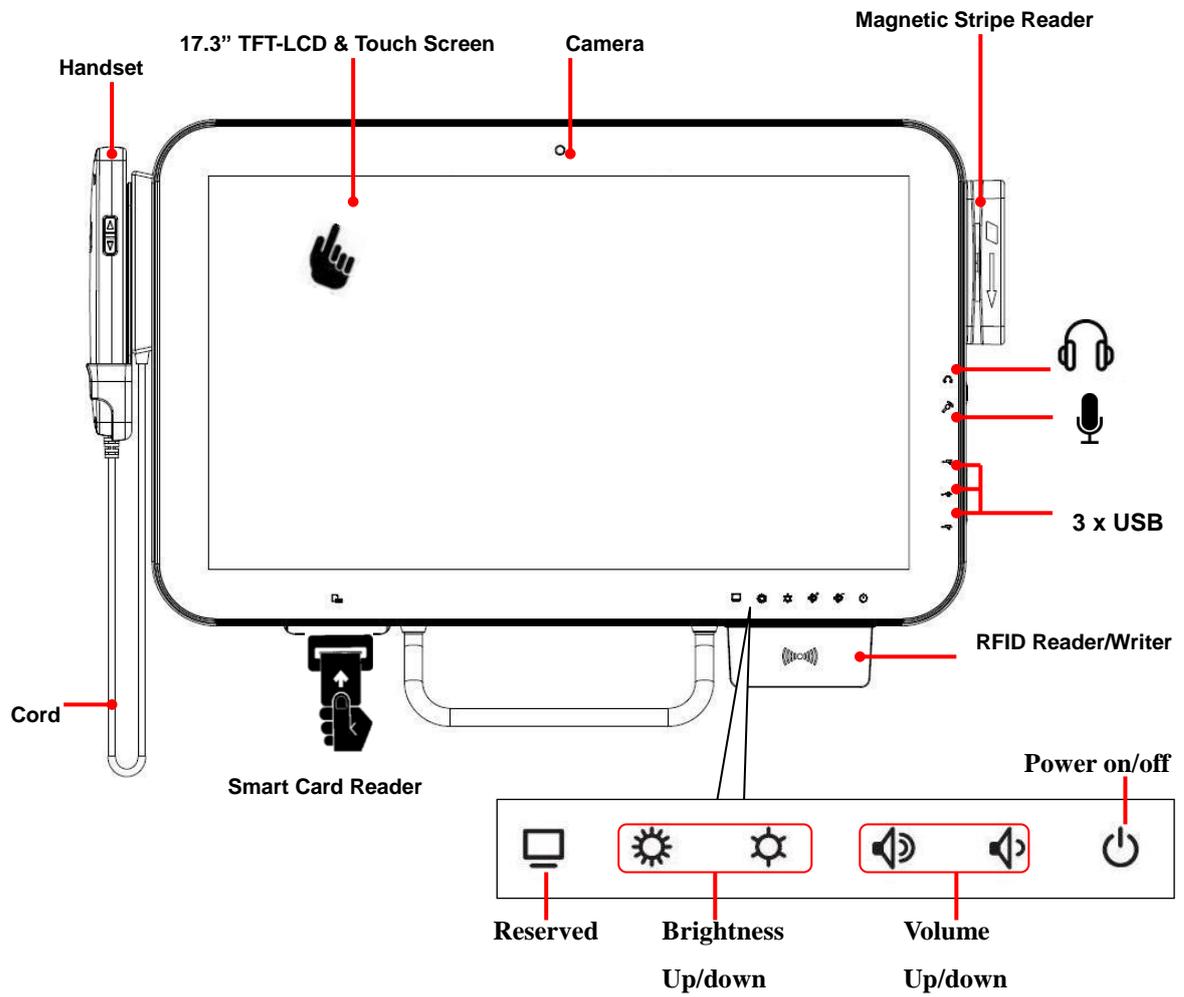
In this chapter, you will get to know all features of our AID-173SHR bedside terminal.

1.1 Front view

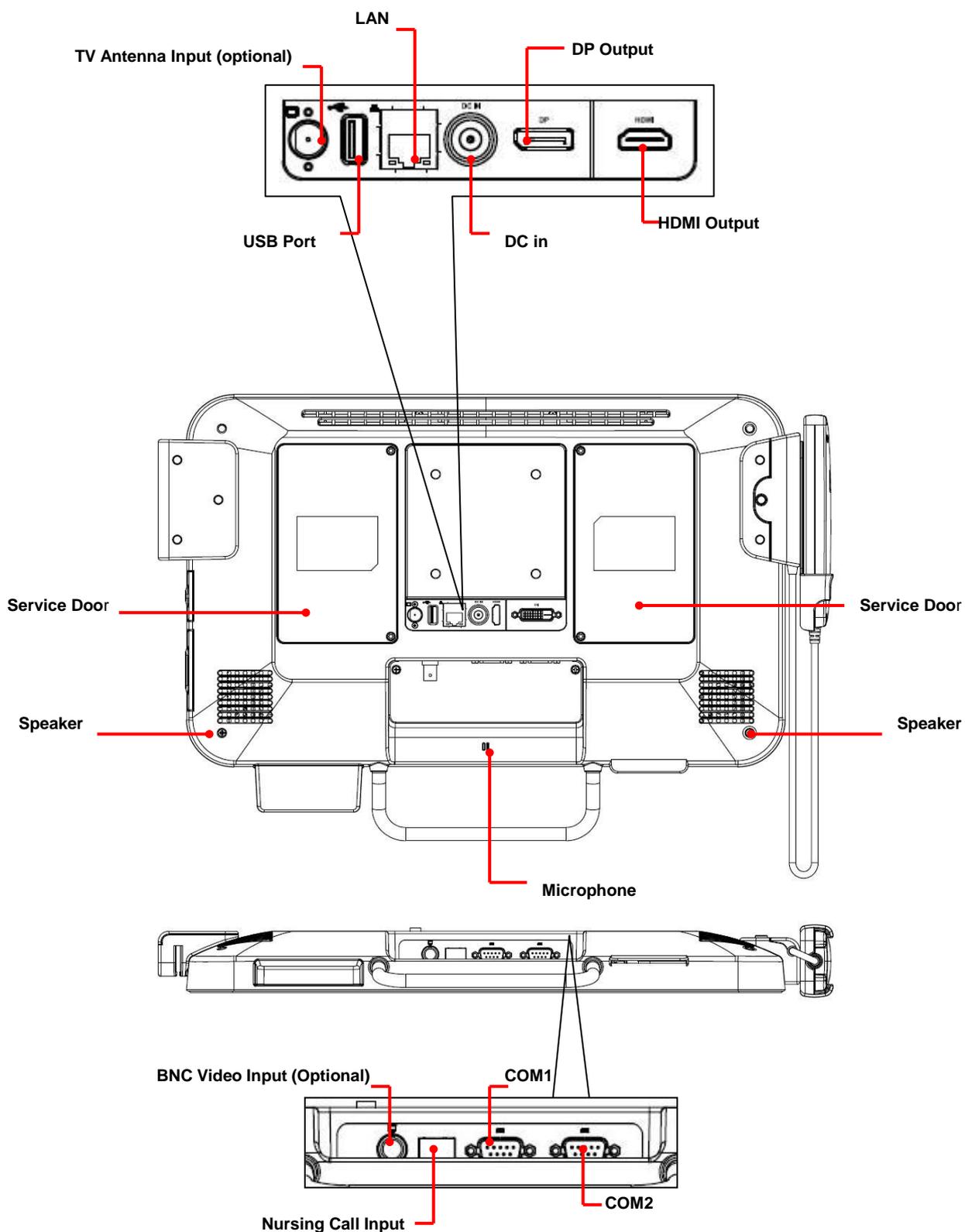
1.2 Rear & Bottom view

1.3 Handset

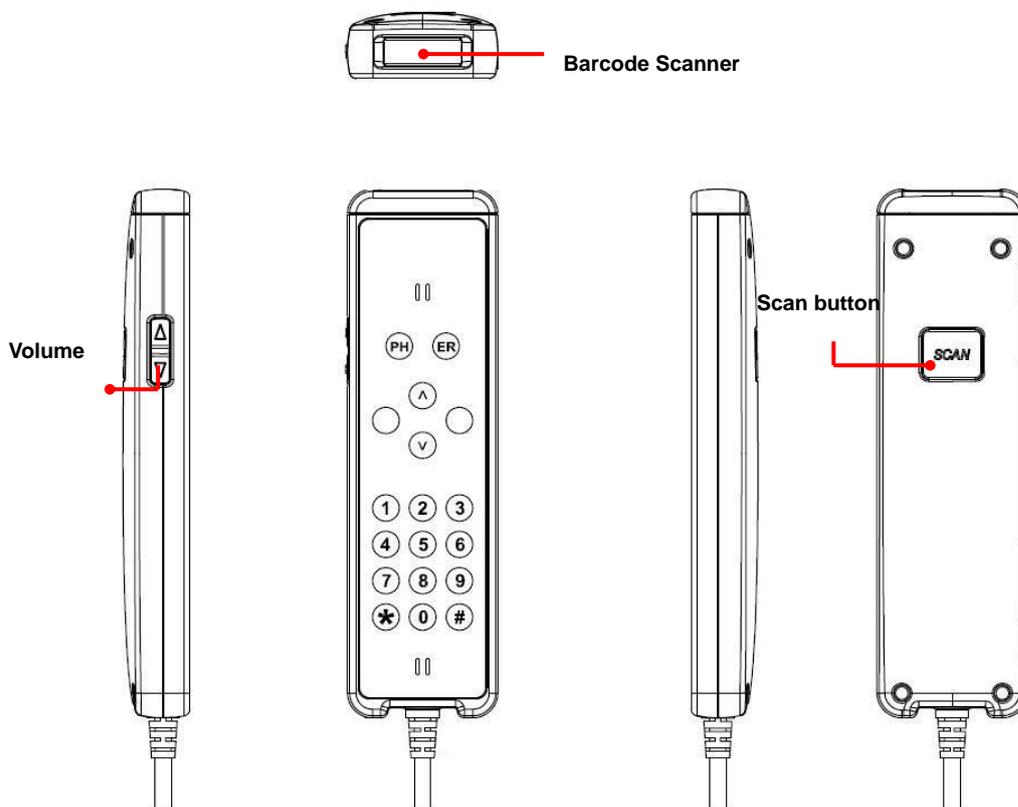
1.1 Front view



1.2 Rear & Bottom view



1.3 Handset



Key	Descriptions
	Activate the phone software (i.e. Skype)
	Nurse Call
	Answer
	Hang Up
	Contact List (Up)
	Contact List (Down)
	Numeric Keys
	* Key
	# Key



2. Setting-up AID-173SHR Bedside Terminals

This chapter gives instructions on how to set up AID-173SHR bedside terminal hardware and how to connect different cables. Furthermore, with provided Internet ISP setting information, you will be able to connect AID-173SHR bedside terminal to the Internet.

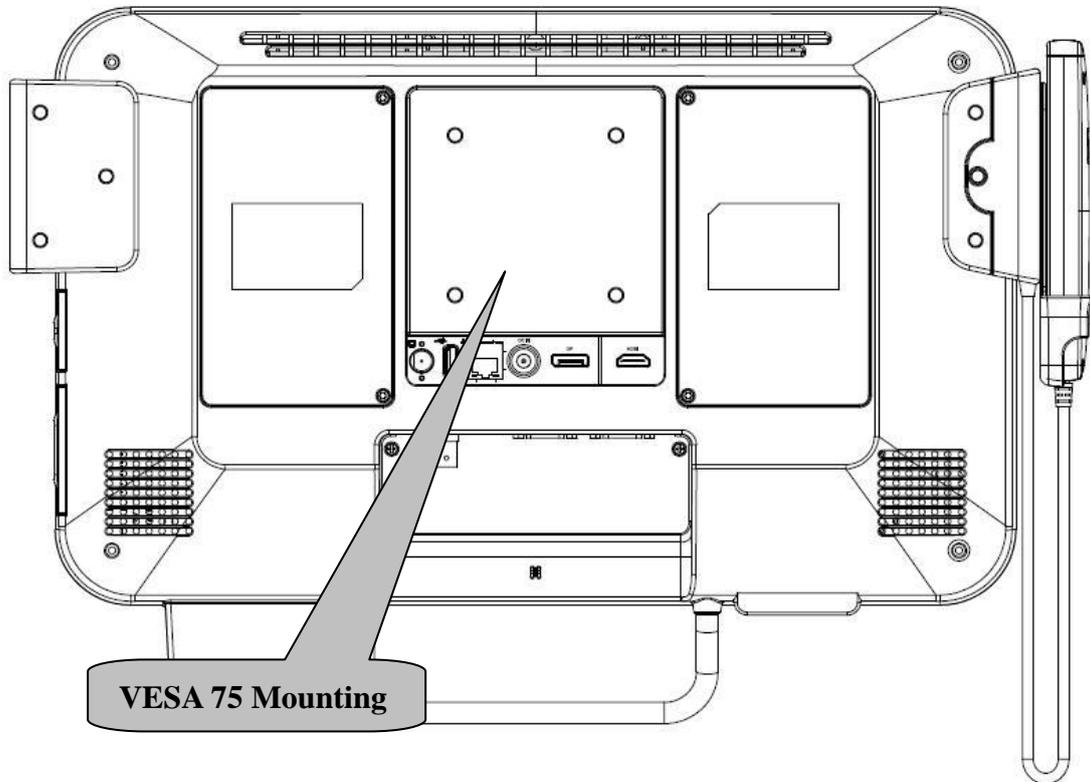
2.1 Mounting

2.2 Cabling

2.3 System Activation & Registration

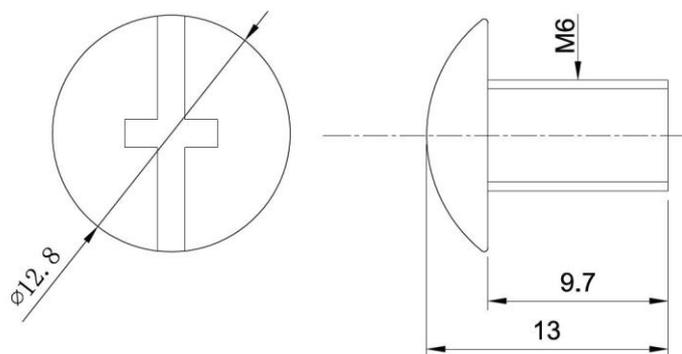
2.4 Connecting to the Internet

2.1 Mounting



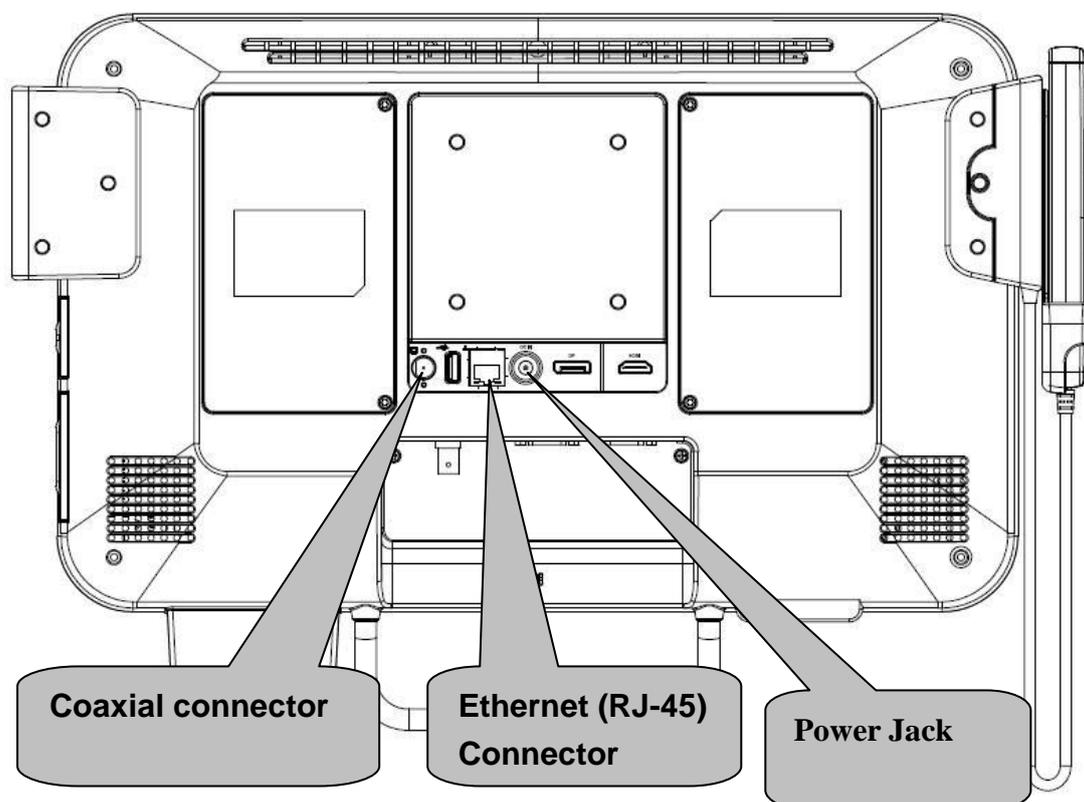
Suggested Screw type for mounting

Note: 4 pieces of M6x10 screws



2.2 Cabling

1. Power Cable
2. Ethernet (RJ-45) Cable (Optional)
3. TV (Coaxial) Cable (Optional)



Please follow below steps to connect power cable to system.

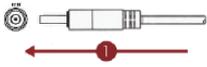


WARNING



RISK OF ELECTRIC SHOCK

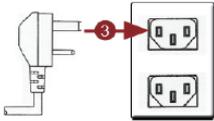
- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE FRONT OR BACK COVER.
- READ THE MANUAL AND SAFETY PRECAUTIONS BEFORE PERFORMING INSTALLATION.
- MAKE SURE THE POWER CORD IS PLUGGED INTO THE SYSTEM BEFORE CONNECTING THE POWER CORD TO AN AC POWER OUTLET.
- DISCOUNT POWER FROM THE SYSTEM BY UNPLUGGING THE POWER CORD FROM AC OUTLET.
- THE AC POWER OUTLET SHOULD BE COMPATIBLE WITH THE 3-PIN POWER CORD CONNECTOR.



1. Plug the power cord into your system



2. Connect AC power cord to the power adapter.



3. Plug the power cord into an easily accessible AC power outlet.

2.3 System Activation & Registration

1. Upon receiving your product, a system activation and software registration needs be performed before you start using this system.
2. Please consult your local service providers for more details.

2.4 Connecting to the Internet

1. Use built-in wireless LAN to connect to the Internet.
2. Use Ethernet (RJ-45) to connect to the Internet.
3. Consult your Internet Service Provider (ISP) for software settings.

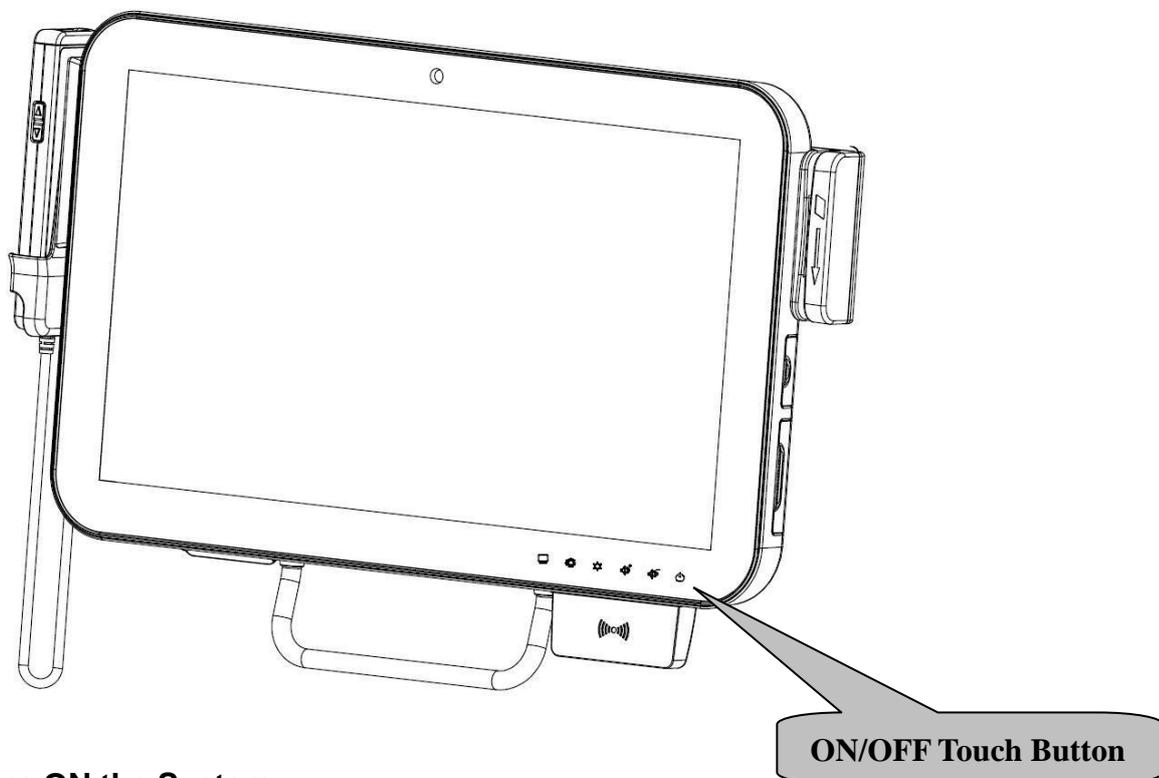
Note: ISP, IP, (wireless) router, Access Point, DSL modem, Access ID & Password, and so on, are needed for Internet access.

3. Using AID-173SHR Bedside Terminals

This chapter describes in detail all features of AID-173SHR bedside terminal.

- 3.1 Turn ON/OFF the System
- 3.2 Using LCD Display and Touch Screen
- 3.3 Using Ear Phone and Microphone
- 3.4 Using Smart Card Reader
- 3.5 Using Magnetic Stripe Reader
- 3.6 Using RFID Reader/Writer
- 3.7 Using Handset
- 3.8 Using Barcode Scanner

3.1. Turn ON/OFF the System



3.1.1 Turn ON the System

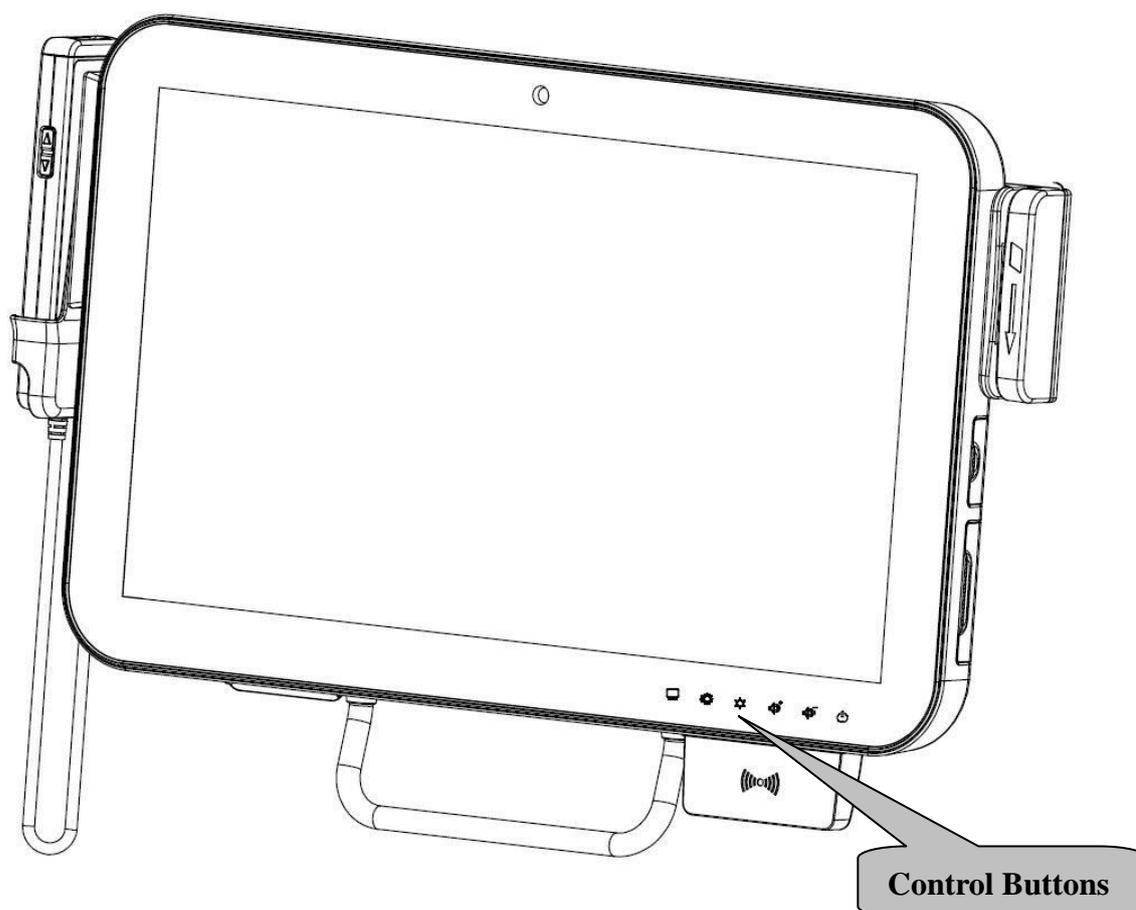
1. Check if the Power ON/OFF LED light is red.
2. Move your finger to touch the Power ON/OFF icon.
3. The Power ON/OFF LED turns green.
4. Your system is turned ON.

3.1.2 Turn OFF the System

1. Move your finger to touch the Power ON/OFF icon for about 4 seconds.
2. The Power ON/OFF LED turns red.
3. Your system is turned OFF.

Note: We recommend using operating system shut down procedure to turn the system OFF.

3.2 Using LCD Display and Touch Screen



3.2.1 Adjust System Volume

1. Move your finger on the top of the Volume Up or Volume Down icon.
2. The volume will be adjusted accordingly.

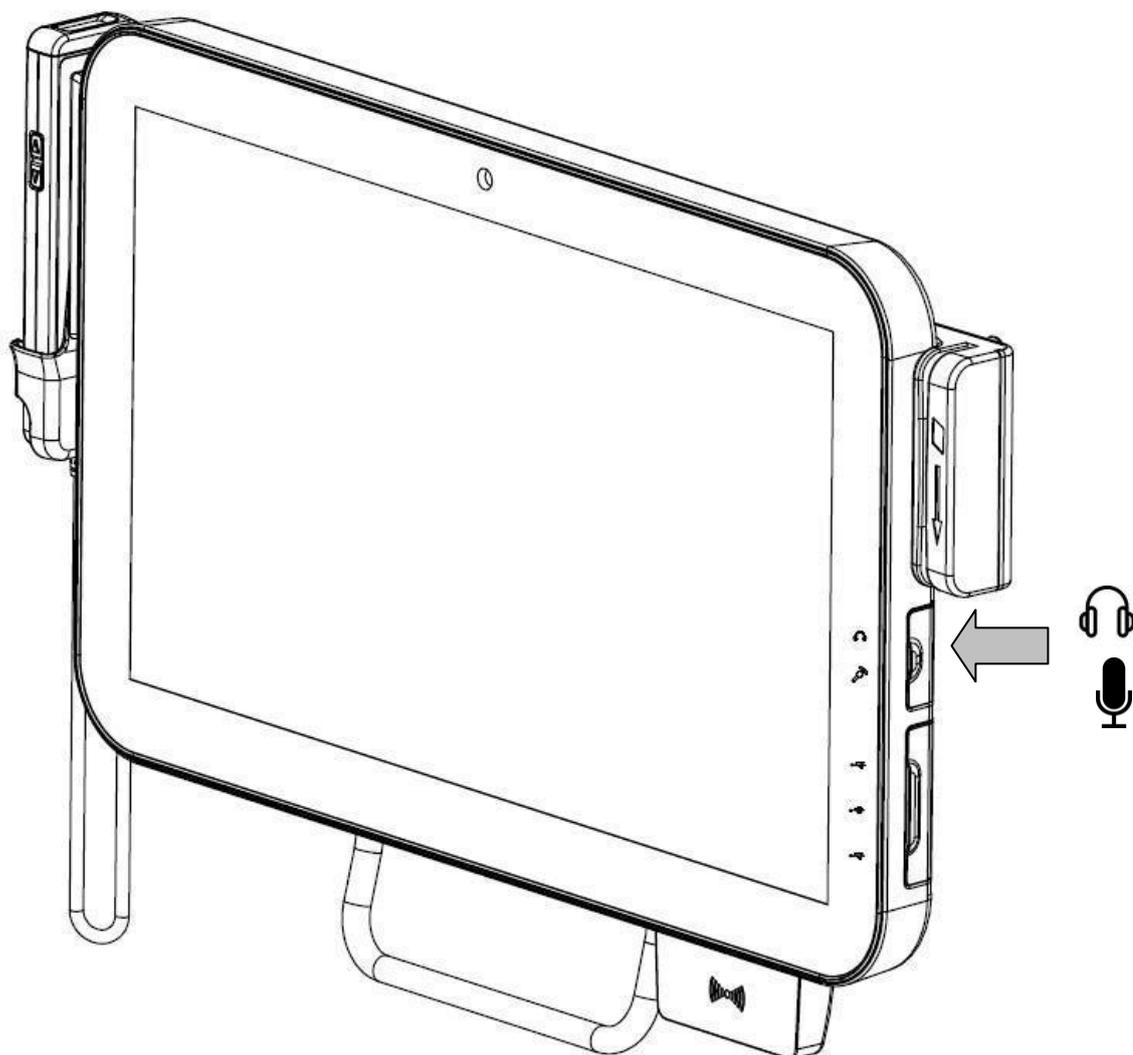
3.2.2 Adjust LCD Display Brightness

1. Move your finger on the top of the Brightness Up or Brightness Down icon.
2. The brightness of the LCD display will be adjusted accordingly.

3.2.3 Using Touch Screen

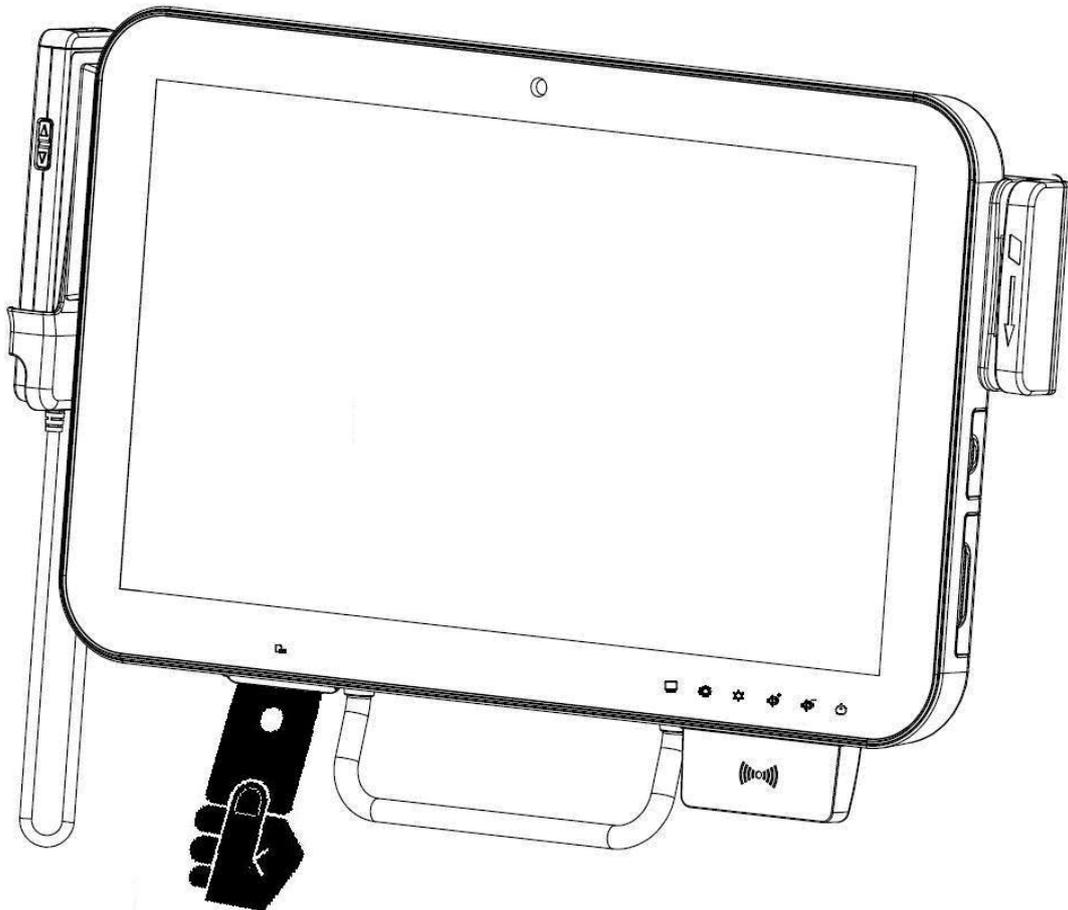
1. To select the item on the touch screen, press the item once.
2. To select and open the item, press the item twice repeatedly.
3. To open the secondary menu, press and hold until the menu appears and then move your finger to select the menu item. Upon choosing a menu item, release your finger to select the item.

3.3 Using Earphone and Microphone



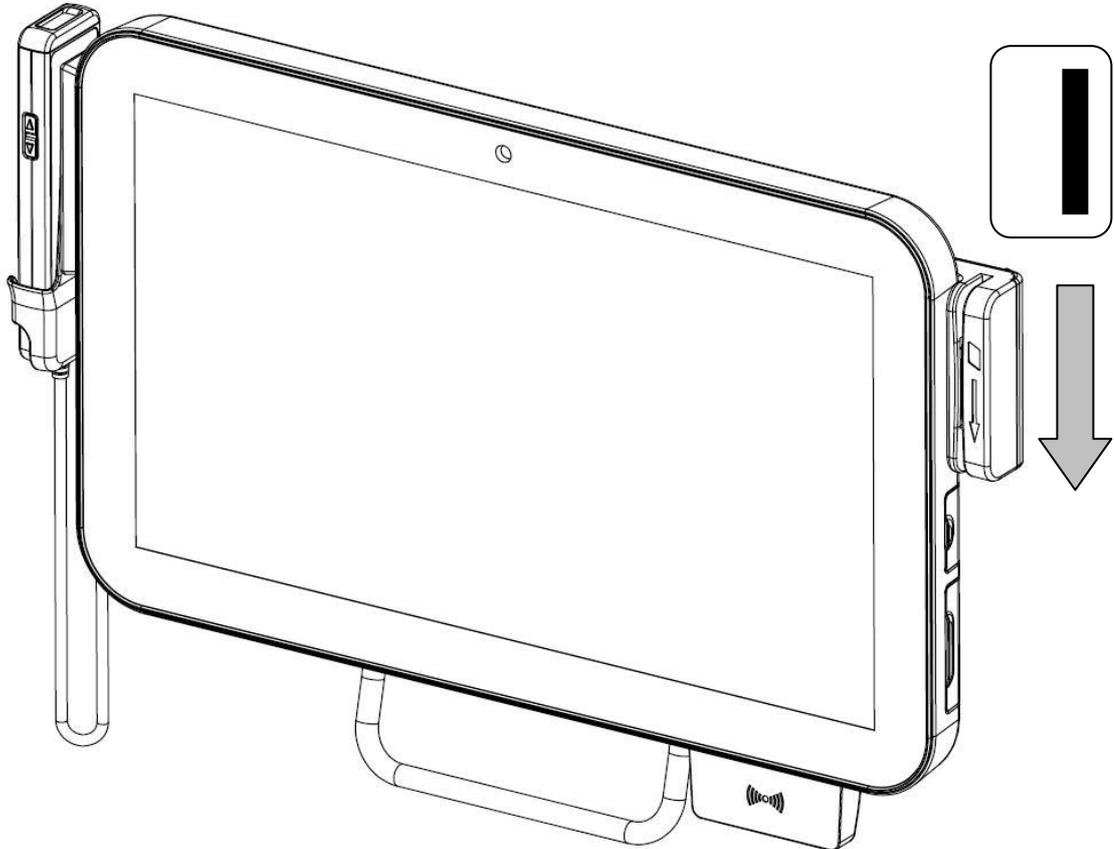
1. Open the rubber cover on the right side of the system.
2. Insert the earphone phone or microphone into the jacks.

3.4 Using the Smart Card Reader



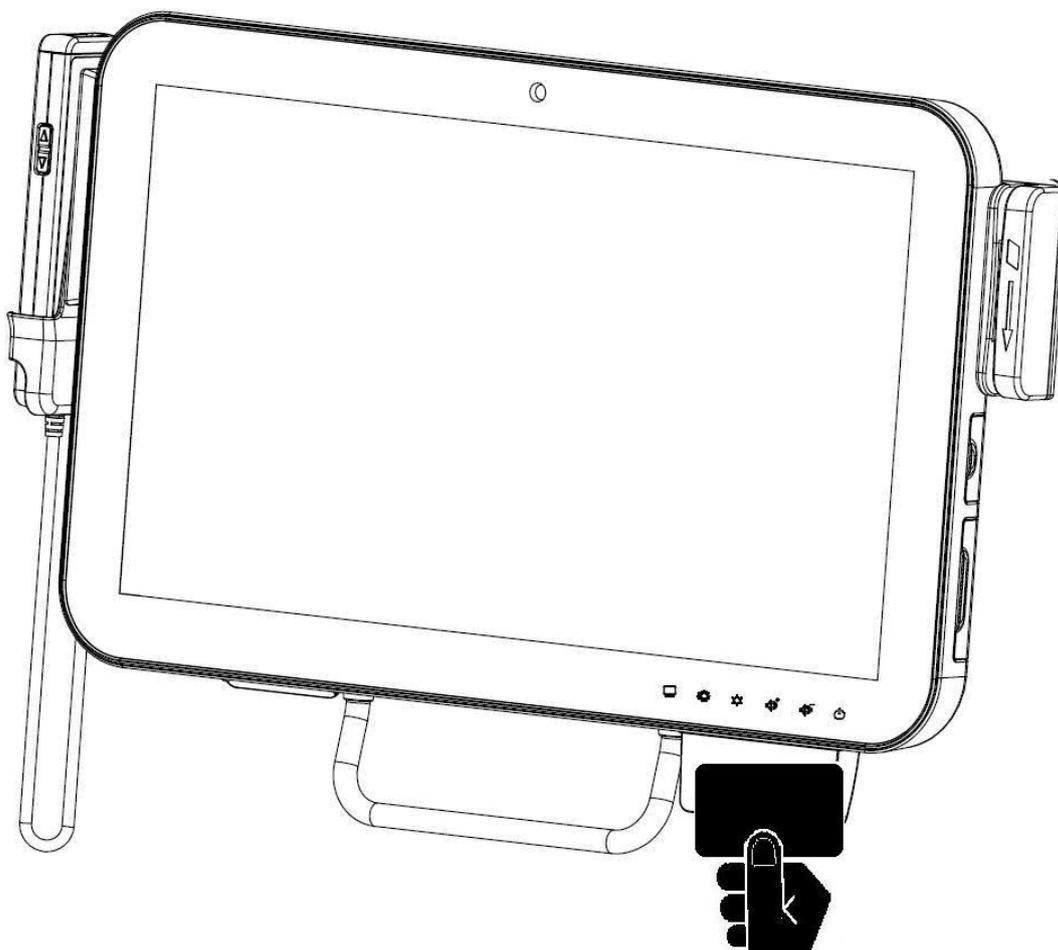
1. Have the IC card face up.
2. Insert the IC card into the Smart Card Reader slot.

3.5 Using Magnetic Stripe Reader



1. Have your card with the magnetic stripe facing outside.
2. Slide the card from top to the bottom.

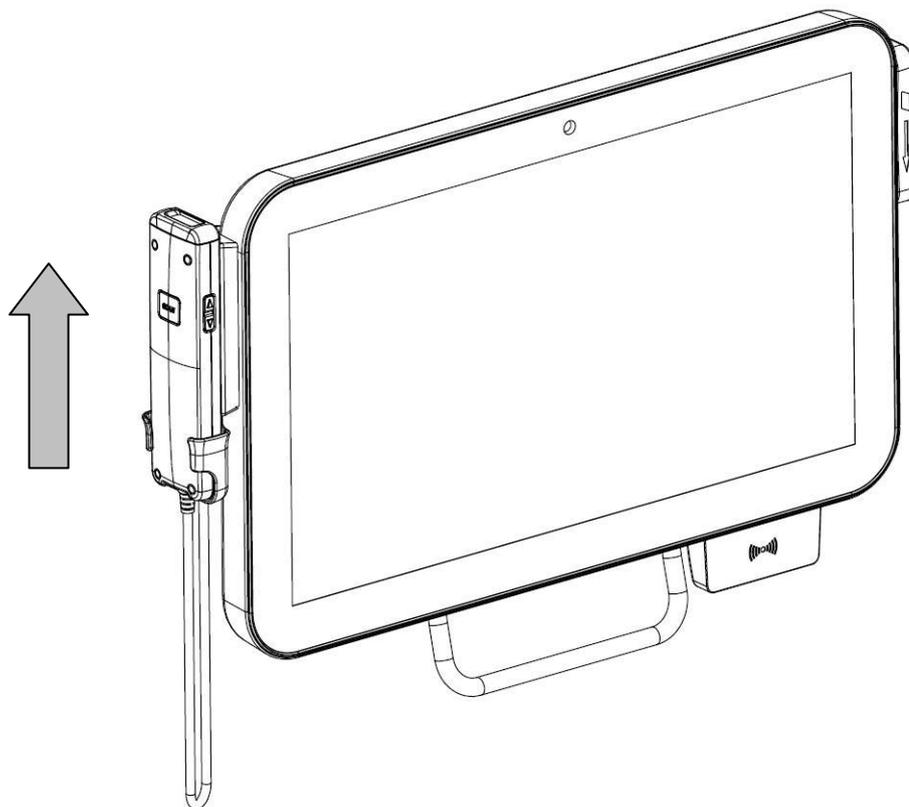
3.6 Using RFID Reader/Writer



1. Place the card onto the RFID Reader/Writer. Keep card close to the reader no greater than 5cm.
2. The RFID will beep if the card is read or written successfully.

Note: The RFID Reader/Writer accepts ISO 14443A standard cards ONLY. Optional RFID Reader/Writer accepts ISO 14443A/14443B/15693 cards.

3.7 Using Handset

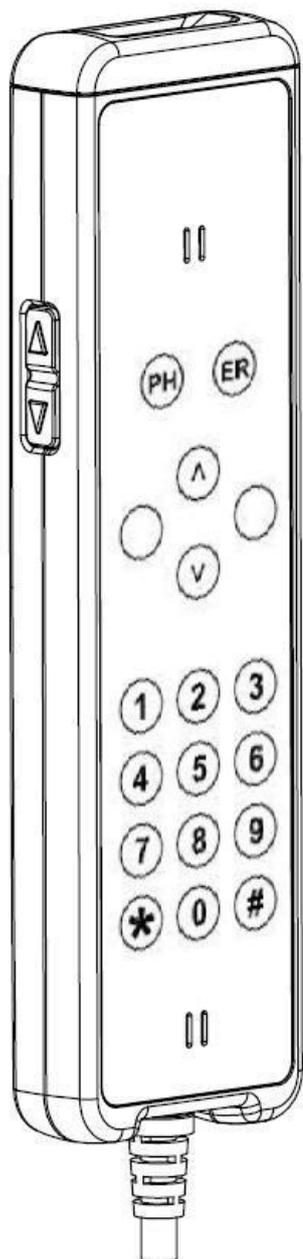


Pick up the Handset

1. Lift the handset from the cradle to start usage.

Hang up the Handset

2. Return the handset back to the handset cradle with keypad facing inside.

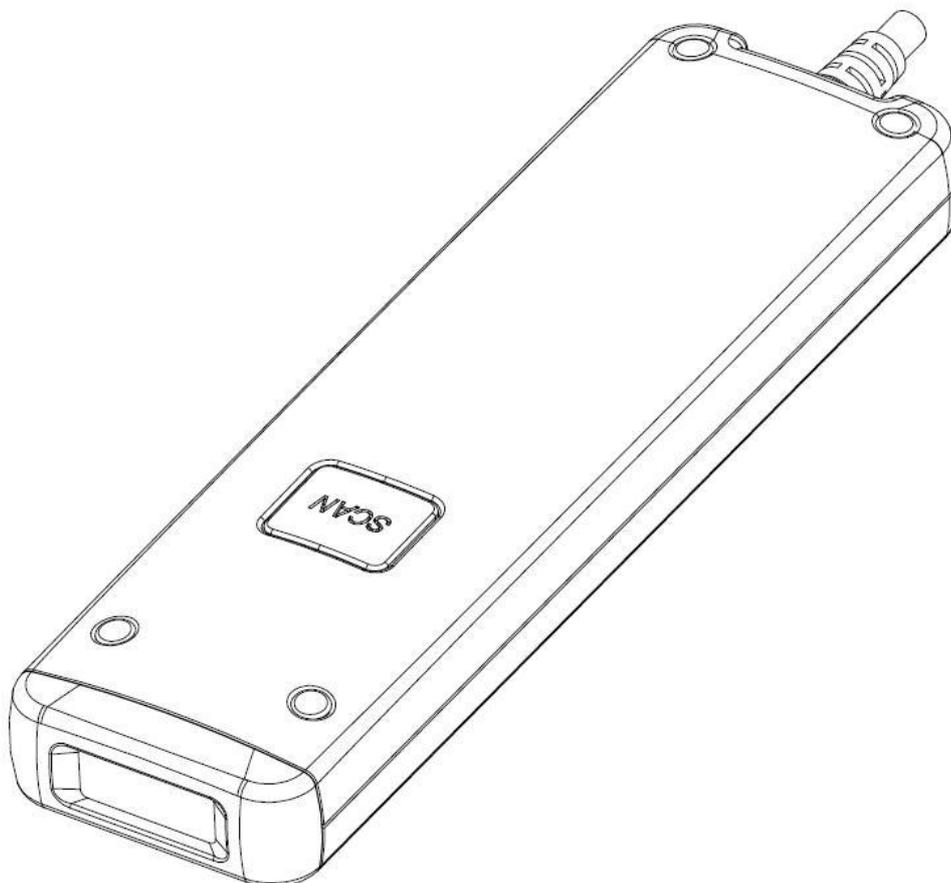


Start and End a Phone Conversation

1. To make a phone call, enter the numbers by keying the numbers on the keypad and press “Dial” icon.
2. To end a phone conversation, press the “Hang Up” icon.
3. Use the volume control to adjust the volume of the handset.

Note: Phone application software and Internet connection are required.

3.8 Using Barcode Scanner



1. Pick up the handset and directed to the object with the Scan button facing up.
2. Aim to the barcode and maintain an appropriate distance between barcode and scanner.
3. Press SCAN button.
4. The Barcode Scanner will “Beep” when the barcode is successfully read.

4. Upgrading AID-173S Bedside Terminals

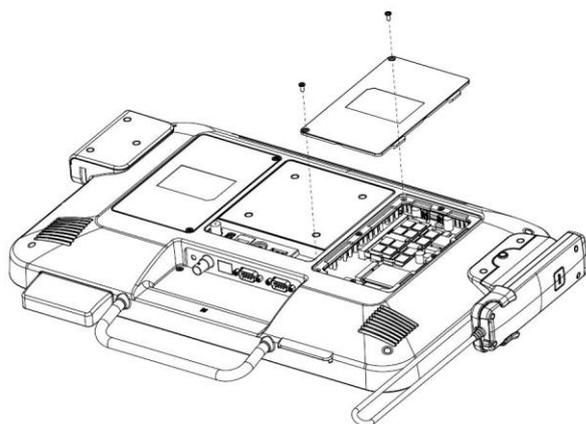
In this chapter, you will learn several peripherals upgrade or replacement. Please perform these steps with care.

▲ **WARNING:** Turn OFF the system and disconnect the power cable before performing the following tasks.

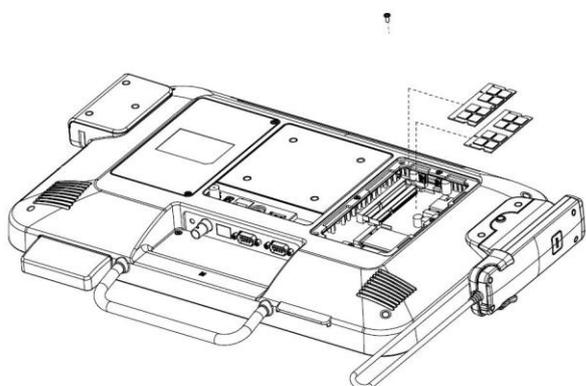
▲ **CAUTION:** Only a certified service technician is authorized to remove the cover and access system components.

- 4.1 Adding/Removing/Replacing Memory
- 4.2 Adding/Removing/Replacing TV Tuner
- 4.3 Removing and Replacing the Wireless Card
- 4.4 Adding 3rd Party Mini-PCIe Cards
- 4.5 Removing and Replacing the Hard Disk Drive

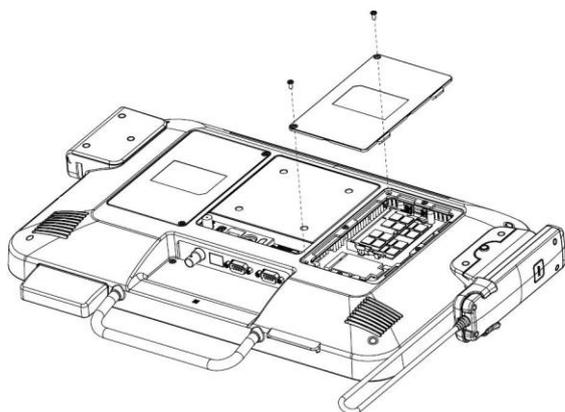
4.1 Adding/Removing/Replacing Memory



1. Remove the two screws from the service door.
2. Open the service door.



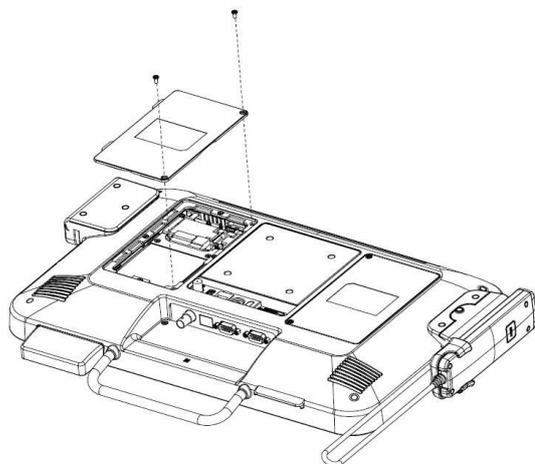
1. Press the two latches of the retaining clips locking the memory module.
2. The memory module will pop up at an angle.
3. Lift the memory module from the memory socket.



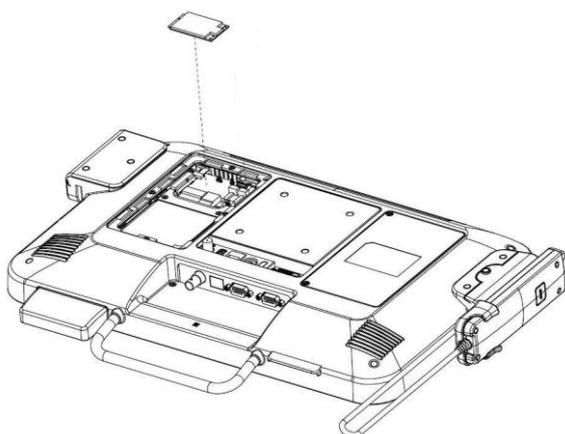
1. Properly align the memory module to the connector edge.
2. Slide the memory module into the memory socket.
3. Push the memory module down until locked by the clip latches
4. Close the service door.
5. Lock the service door by means of two screws.

Note: Please use the correct type of memory on both memory sockets.

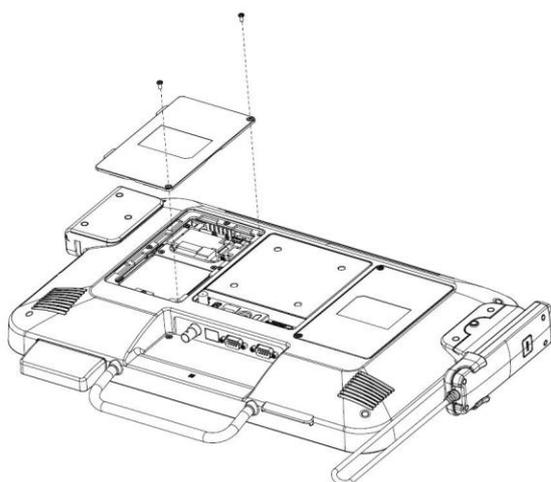
4.2 Adding/Removing/Replacing TV Tuner



1. Remove the two screws from the service door.
2. Open the service door.

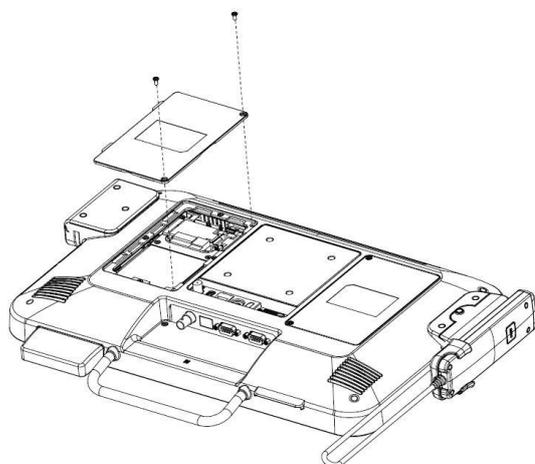


1. Unplug the TV signal cable.
2. Unlock the mini-PCIe socket.
3. Pull the TV module out of the socket.

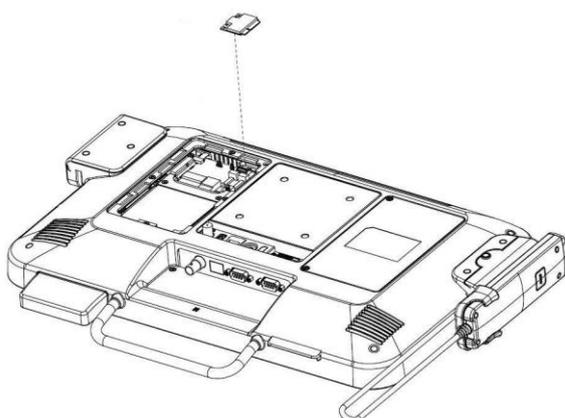


1. Place the TV module into the mini-PCIe socket.
2. Lock the mini-PCIe socket.
3. Connect the TV signal cable to the TV module.
4. Close the service door.
5. Lock the service door by means of two screws.

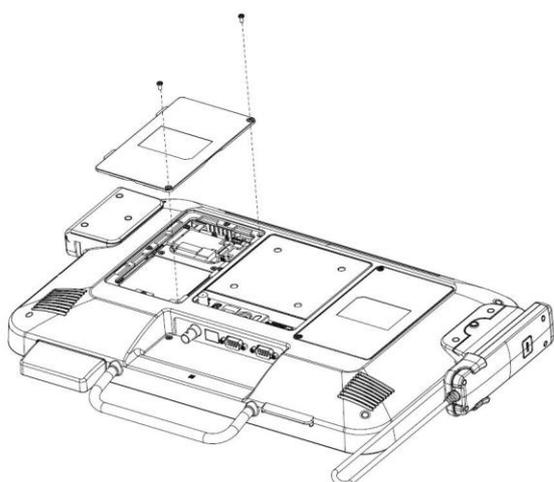
4.3 Removing and Replacing the Wireless Card



1. Remove the two screws from the service door.
2. Open the service door.

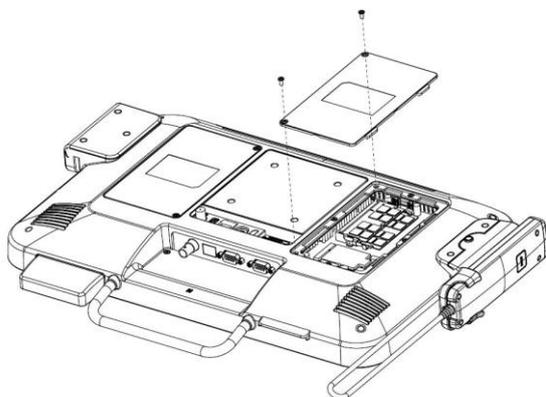


1. Unplug the two antennas from the wireless module.
2. Unlock the mini-PCIe socket.
3. Pull the wireless module out of the socket.

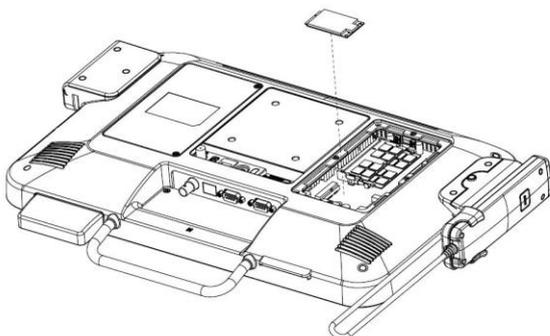


1. Place the wireless module into the mini-PCIe socket.
2. Lock the mini-PCIe socket.
3. Connect the two antennas to the wireless module.
4. Close the service door.
5. Lock the service door by means of two screws.

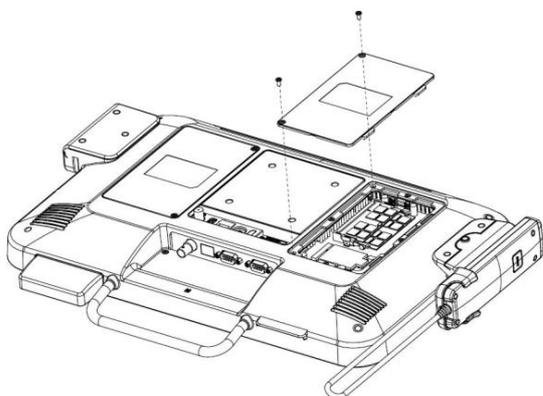
4.4 Adding 3rd Party Mini-PCle Cards



1. Remove the two screws from the service door.
2. Open the service door.

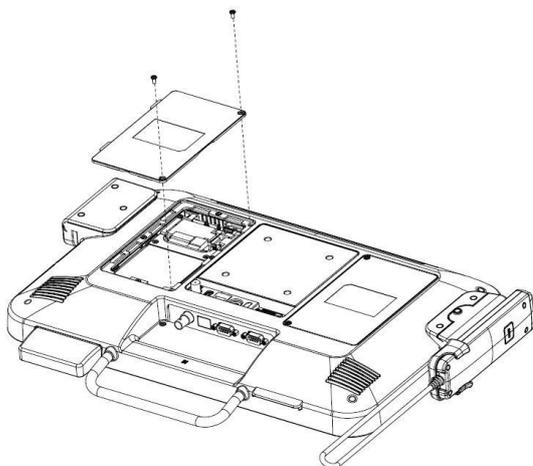


1. Insert the 3rd party mini-PCle card into the empty mini-PCle expansion socket.
2. Lock the mini-PCle socket.

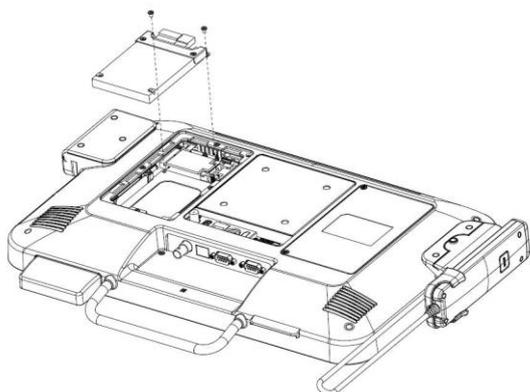


Close the service door by means of two screws.

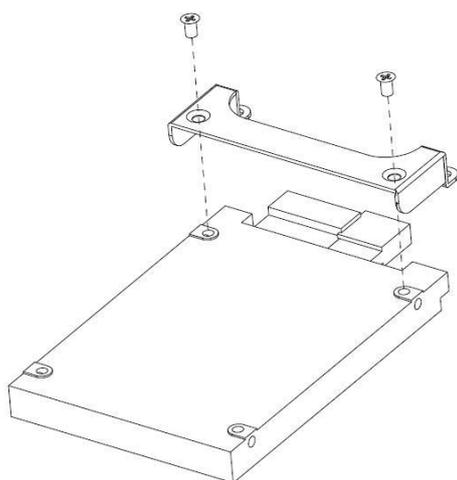
4.5 Removing and Replacing the Hard Disk Drive



1. Remove the two screws from the service door.
2. Open the service door.

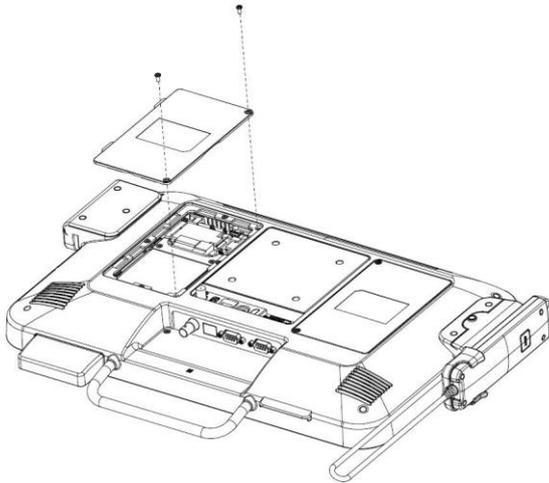


1. Remove two screws from the hard disk slot to release hard disk.
2. Disconnect power and data cables from the hard disk drive.
3. Pull the top of the hard disk bracket and remove the hard disk drive from the slot.



Remove the two screws from the hard disk bracket.

Continue on next page...



- 1.** Attach hard disk to bracket by means of two screws.
- 2.** Place the hard disk drive into the slot.
- 3.** Attach hard disk bracket to slot by means of two screws.
- 4.** Connect the power and data cable to the hard disk drive.
- 5.** Close the service door by means of two screws.

End of This Document

**Thank you for purchasing and using AID-173SHR Bedside Terminals.
We hope you have a joyful experience with our products and services.**