Medi-View
User's Manual

1st Ed – 02 February 2016

Content

1. Getting Started

1.1 About the product

Smart Terminal

Thank you for choosing this Remedi Smart Terminal: Medi-View.

The Medi-View is a multimedia Intel® processor-based computer that is designed to serve as a Point of Care (POC) and Point of Information terminal (POI) within healthcare applications. It is a PC based system with 18.5" WXGA LED display,15.6" WXGA LED display, Gigabit Ethernet, multi-COM port and USB 2.0 interfaces and High Definition Audio codec.

The Medi-View is as compact and user-friendly as a notebook computer. This simple, complete and highly integrated multimedia system lets system integrators easily build the Medi-View into their applications.

The Medi-View is intended to be used in hospitals for general purpose as an assisting device for data access.

1. This device is to assist clinicians to access and display medical data at the bedside (this is not for diagnostic use). It connects to the internal database through the Ethernet and display the information to doctors, nurses, patients, and so on. The doctors, nurses, patients can record data back to the HIS (Hospital Information System).
2. Patient information, medical records, and other information.
3. The device does not sustain or support life.
4. In case of failure of this device, no special intervention is necessary

The device is not intended to be used in patient monitoring, diagnosis, treatment, alleviation or prevention of diseases, injuries and handicaps.

CAUTION: Read all the important safety information before installing and operating your Medi-View. Please refer to the dedicated chapter in this user guide.

1.2 What's in the box

Overview

Your Medi-View comes with:

- Power cord — USA, European, UK types (where applicable)
- Handset & Coiled Cable (where applicable)
- Accessories for the Medi-View (where applicable)

Keep your original packaging. It is designed for this terminal and is the ideal protection during transport and storage.

WARNING: To prevent electric shock, DO NOT remove covers.
No user serviceable parts inside, refer servicing to qualified personnel.

Attention : Pour éviter des chocs électriques, NE PAS retirer les couvercles.
Aucune pièce réparable par l'utilisateur dans l'appareil, contultez au personnel qualifié pour tout service technique.

1.3 CAUTION:

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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 can radiate 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.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Canada, Industry Canada (IC) Notices
This device complies with Canada licence-exempt RSS standard(s).
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.

Canada, avis d'Industry Canada (IC)
Cet appareil est conforme avec Industrie Canada exemptes de licence RSS standard(s).
Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Radio Frequency (RF) Exposure Information
The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person's body).

Informations concernant l'exposition aux fréquences radio (RF)
La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (antennes sont supérieures à 20 cm à partir du corps d'une personne).

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2. PARTS, CONTROLS AND CONNECTORS

2.1 System setup

Become familiar

Before you set up the Medi-View, take a moment to become familiar with the locations and purposes of the controls, drives, connections and ports, which are illustrated in the figures below.

Front

When you place the Medi-View upright on the desktop, its front panel appears as shown in the figure below.

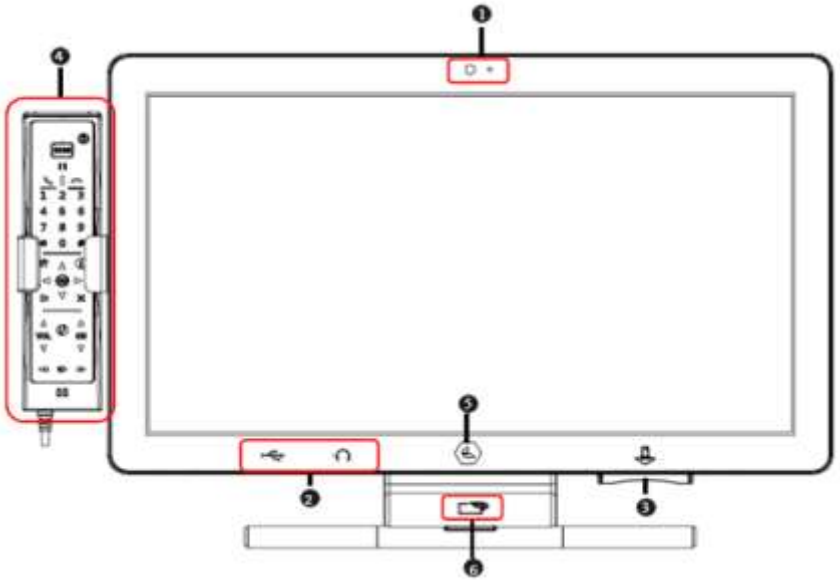


Image 2-1
Front view of the Medi-View

1. Webcam
2. 2 x Headphone / 2 x USB 2.0
3. Contact Card Reader
4. Multimedia Handset (2D BCS Optional)
5. Remedi icon (display on/off)
6. RFID A (This RFID is optional, when it's installed in this grab handle; then the RFID B, refer to Page 8, will not be installed. When this RFID A is NOT installed in this grab handle; then the RFID B, refer to Page 8, is optional)

Left and Right

When you look at the left side of the Medi-View, you will see a handset, fitted to the left docking port.

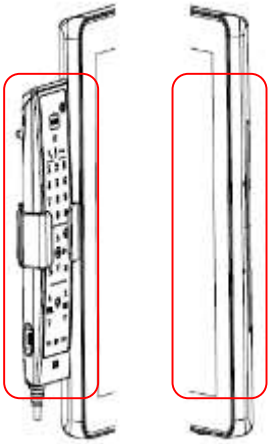
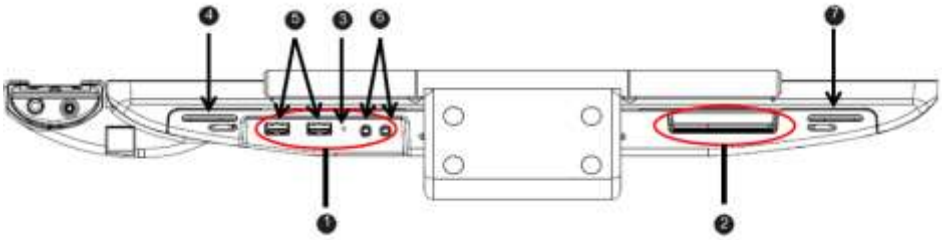


Image 2-2
Left and Right side view of the Medi-View

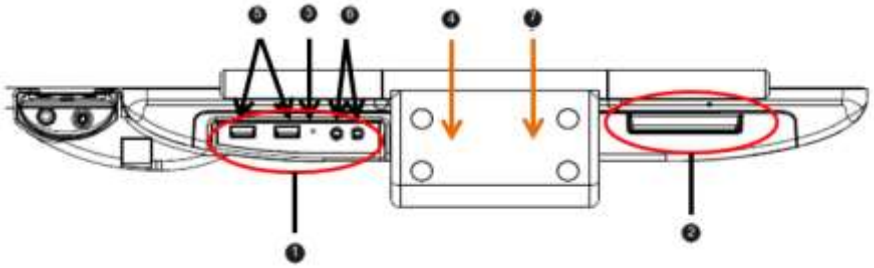
Bottom

On the bottom side of the Medi-View you will find the a Smart Card Reader and an I/O area, as shown in the figure below.

已註解 [J1]: 由於 Medi-View-156 與 Medi-View-185 兩個型號之底部開孔及喇叭位置有些差異，請將其分開說明.



(Medi-View 18.5")



(Medi-View 15.6")

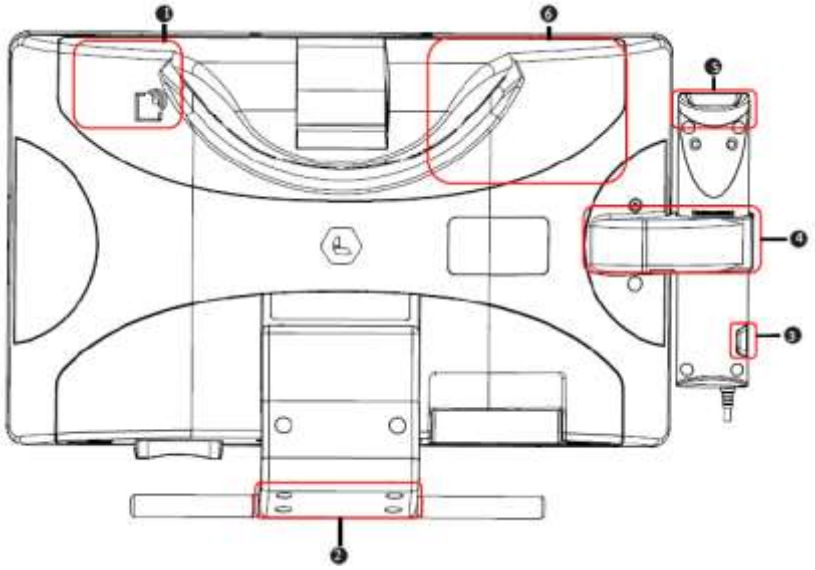
Image 2-3
Bottom view of the Medi-View

1. I/O area bottom
2. Contact Card Reader
3. Reset button
4. Speaker *(On Medi-View 15.6", the speaker is located under the display and above the grab handle)*
5. USB 2.0 (2x)
6. Audio Jack (2x)
7. Speaker *(On Medi-View 15.6", the speaker is located under the display and above the grab handle)*

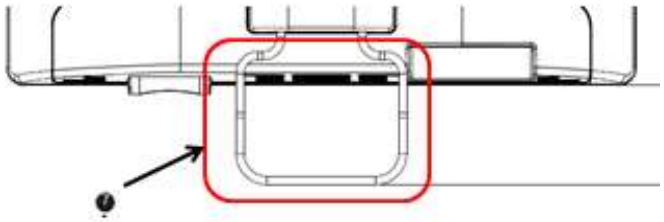
WARNING: The BarCode Scanner exceeds Class 1 of the Accessible Emission Limit!
Attention : Le lecteur de code-barres dépasse Classe 1 de la Limite d'Emmission Accessible (L.E.A.

Rear

On the rear of the Medi-View you will find the one removable access doors located top of the terminal as shown in the figure below.



(With Grab handle. This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)



(With simple Grab handle. This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)

Image 2-4
Rear view of the Medi-View

1. RFID B (This RFID is optional, when it's installed ; then the RFID A, refer to Page 6, will not be installed. When this RFID B is NOT installed; then the RFID A, refer to Page 6, is optional)
2. Grab handle with RFID (Please refer to Page 6 "RFID A")
3. Mini USB
4. Hand Set connection (Optional)
5. 2D BCS (Optional)
6. I/O inside the cover, please see Page 11 for more details.
7. Simple grab handle

CAUTION: * The access doors may only be opened by qualified service personal, no user serviceable parts inside.

Label location

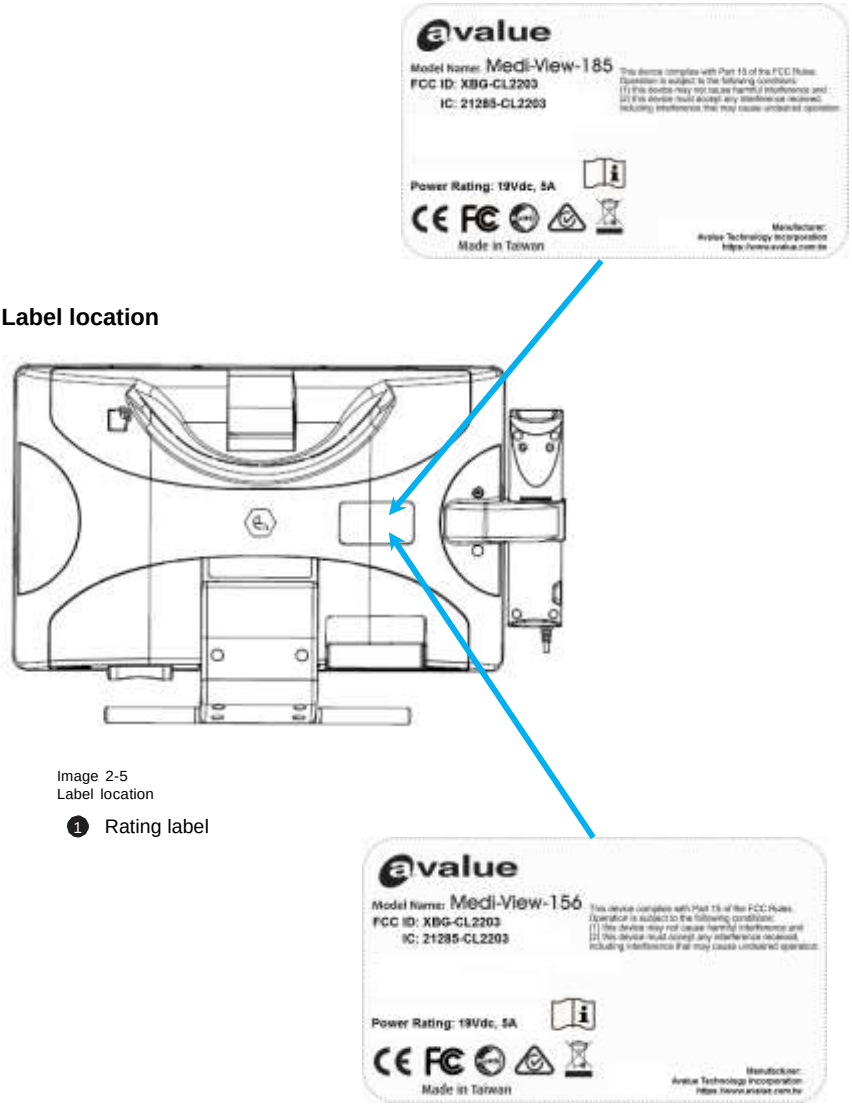


Image 2-5
Label location

1 Rating label

Top

已註解 [J2]: 實際樣品此處是有外殼蓋住，請加註說明此處為 Inside I/O ports 說明.

After removal of the top cover on the Medi-View, you will find the I/O area on the top side of the Medi-View, as shown in the figure below.

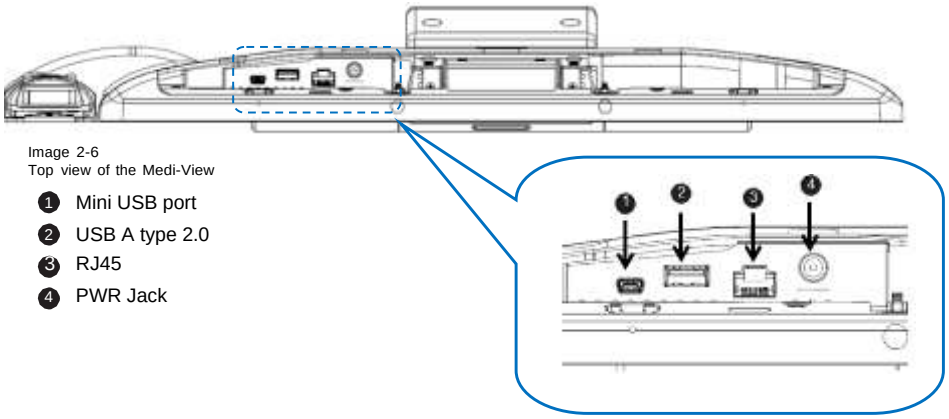
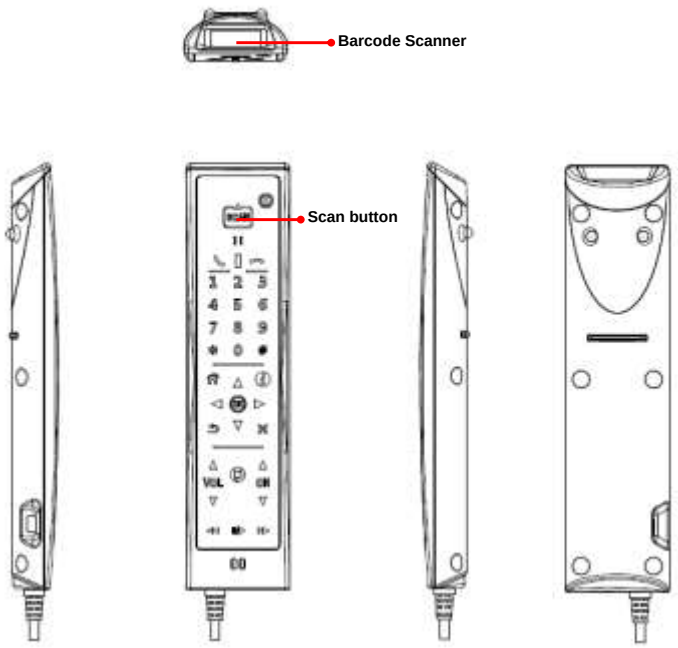
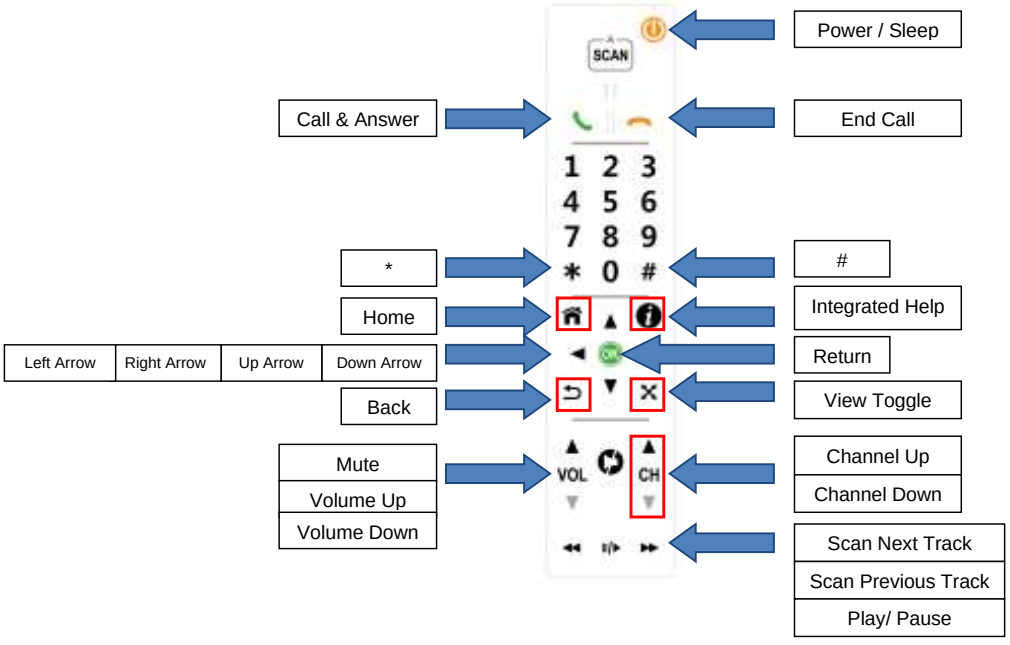


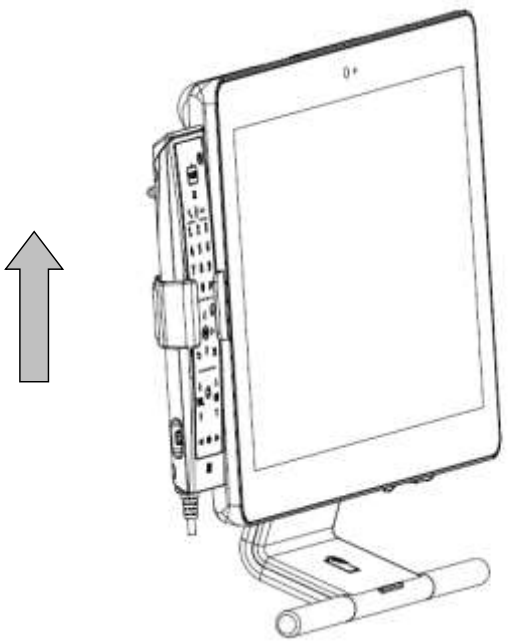
Image 2-6
Top view of the Medi-View

1. Mini USB port
2. USB A type 2.0
3. RJ45
4. PWR Jack

Using Handset







Take the Handset

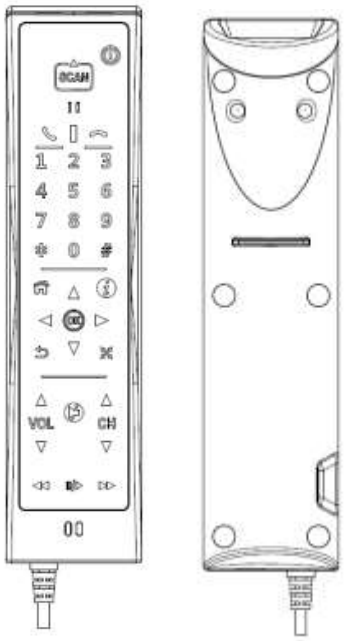
1. When you want to use the handset, lift the handset from the cradle.
2. Replace the handset back to the handset cradle with keypad facing inside.

Start and End a Phone Conversation

1. To make a phone call, enter the numbers by press the number 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.

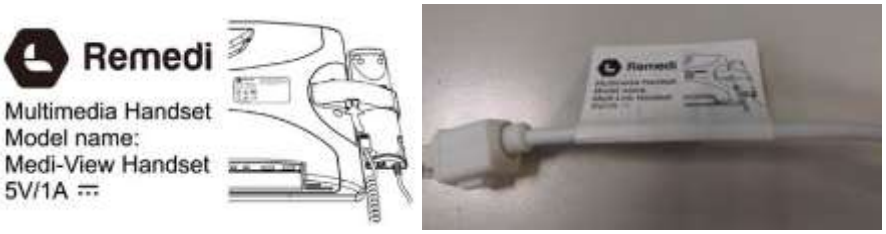
2.2 Using Barcode Scanner



1. Take the handset and turn it over.
2. Aim the barcode and maintain an appropriate distance between and barcode and scanner.
3. Press SCAN button.

The Barcode Scanner will "Beep" when the barcode is successfully read.

Handset label location



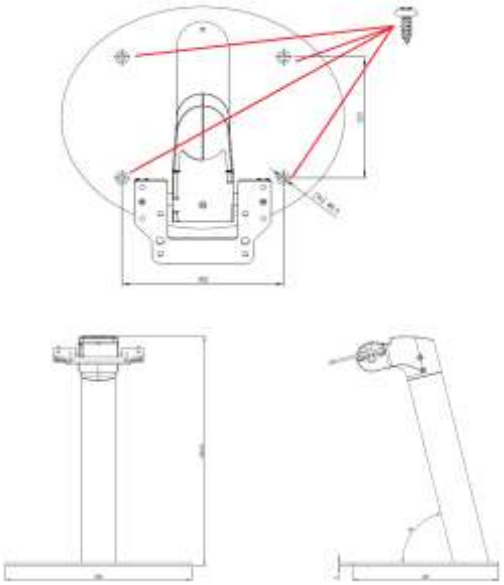
3. SYSTEM INSTALLATION

3.1 Fixing the desk stand and assembling the terminal

Due to the critical nature, please ensure that before you begin to install any desk fixing that you consult with the Hospitals Health & Safety teams and a proper desk Survey is carried out by a certified structural engineers before any installation. The screw below is certified and tested for use on desk

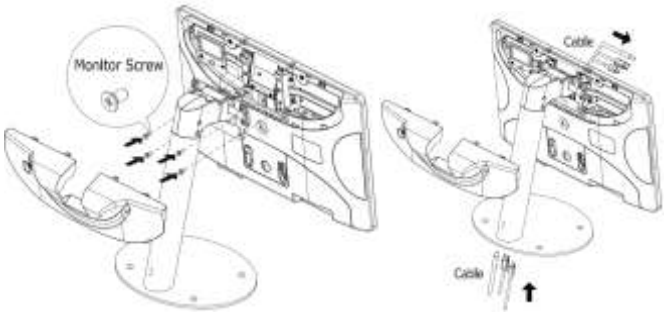
Fixing the desk stand to desk

Self- tapping screw (4 provided) are provide for this installation
Anchor head: 3/16" inch (around 0.47625 cm)
Length: 1.905 cm



Assembling the terminal onto the desk stand

1. Remove the Top cover of the Terminal exposing the Hinge Metal Frame.
2. Place the Top of the Terminal against the desk stand hinge mount and fix the Terminal to the hinge mount head with the four M6x45mm Articulating Screws.
3. Connect the DC power cable, RJ-45 and USB cables to the matching connectors in the right of the Terminal;
4. Replace the Top Cover and fix the screws and rubber bungs.



已註解 [W3]: 要加上 file number

Disclaimer

The installation instructions in this manual should only be used as a guideline and represent a standard installation. It is the responsibility of the Customer, or the appointed Customer's sub-contractor, to ensure that FX Ergonomics products are installed in direct relevance to the specification required at installation site, and that adequate engineering consultation has been made to ensure correct installation and operation. In no event will Remedi Technology Ltd, and its suppliers and sub-contractors be liable for any, indirect, incidental, special or consequential damages arising from poor or incorrect installation and failure to carry out certified engineering consultations.

3.2 Booting up the Medi-View

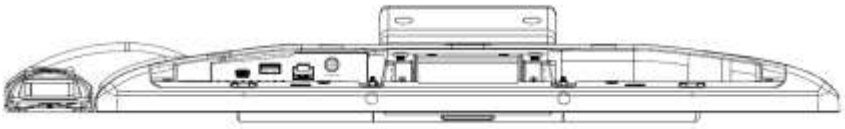


Image 4-1
Connecting the power cable

Connect the male plug of the power supply to an electrical outlet.

Connecting USB keyboard and mouse

Connect the keyboard and mouse to the USB ports located on the bottom cover of the Medi-View, see Figure below and connector 1 in image 2-6.

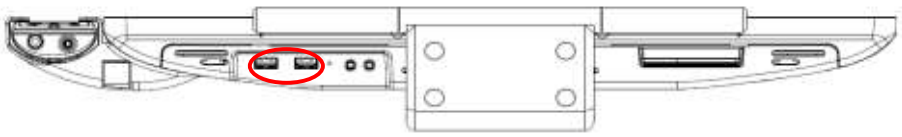


Image 4-2
Connecting the keyboard and mouse

Switching on the power

Switch on the Medi-View via the power switch on the front cover (See figure below).

3.3 Installation of HDD, SSD (optional)

CAUTION: The installation of the optional HDD and/or SSD drive should be carried out by a professional technician. Only UL-certified hard disks may be installed!

Please contact a service technician or your reseller if you need this service.

3.4 Running the BIOS setup program

BIOS setup

Your Medi-View is likely to have been properly set up and configured by your dealer prior to delivery. If you still find it necessary to use the BIOS (Basic Input-Output System) setup program to change system configuration information please contact Remedi for support.
The settings you specify with the setup program are recorded in a special area of memory called CMOS RAM. This memory is backed up by a battery so that it will not be erased when you turn off or reset the system. Whenever you turn on the power, the system reads the settings stored in CMOS RAM and compares them to the equipment check conducted during the power on self-test (POST). If an error occurs, an error message will be displayed on screen, and you will be prompted to run the setup program.

3.5 Installing system software

Setup and installation instructions

Recent releases of operating systems from major vendors include setup programs which load automati- cally and guide you through hard disk preparation and operating system installation. The guidelines below will help you determine the steps necessary to install your operating system on the Medi-View. If required, insert your operating system's installation or setup disc into a portable optical drive and plug into one of the Medi-View USB ports.

Some distributors and system integrators may have already pre-installed system soft- ware prior to shipment of your Medi-View.

If you are presented with a setup/installation screen then carefully follow the instructions. The setup pro- gram will guide you through preparation of your hard drive, and installation of the operating system.

3.6 Installing the drivers

Drivers

After installing the system software, you will be able to install the necessary drivers. All the Medi-View drivers and updates can be obtained from Remedi.

The drivers and utilities used for the Medi-View are subject to change without notice. If in doubt, check with your local Remedi office or contact our application engineers for the latest information regarding drivers and utilities.

4. SYSTEM OPERATION

4.1 requently used functions

已註解 [J4]: 此處為 4.1 才對，請幫忙連同後面的章節一起修正.

Using the Smart Card Reader (SCR)

1. Insert the card firmly into the allocated slot with the chip facing towards the front of the terminal. (See figure below). The Smart Card will be recognized by the terminal.

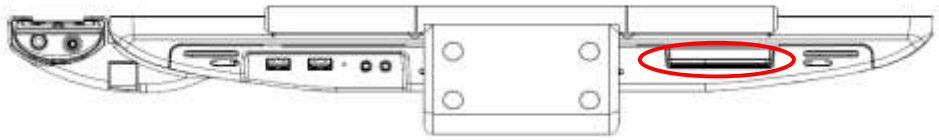


Image 5-1
Using the Smart Card Reader (SCR)

Using the RFID Reader

已註解 [J5]: RFID reader 裝設位置可能有 2 處? 請修改或增加相關說明.

Present the card to the RFID readers (Refer to RFID A in Page 6 and RFID B in Page 8 for their locations) by tapping and holding it briefly onto the clearly reader-marked area until the card is read.

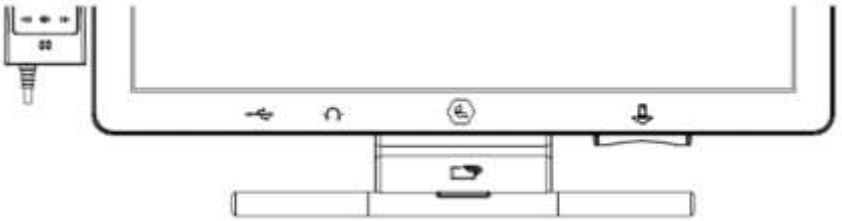


Image 5-2
Using the RFID reader

4.2 Power on, Reset and shut down

Power on:

The following methods are available to turn on the system.
1. Connect the 19V power supply to the DC jack, the system will boot up automatically.
2. Press the power button on the front of the Terminal while the power supply has been connected.

Reset:

1. Enter the OS, select restart and the system will reboot.
2. Press the reset button located at the I/O recess. The system reset itself.

Shut down:

1. Enter the OS, select shutdown and the system will shut down.

4.3 The LED color definition

Green: Back light powered on.
Orange: Back light powered off (Stand-by mode).

5. IMPORTANT INFORMATION

5.1 Cleaning agents tested.

The Remedi products are designed to be easily cleaned and can use the same standard cleaning solutions used by the hospitals to clean other IT Equipment. When using a cloth or similar please ensure that the cloth is damp / moist and not overly wet, and avoid applying pressure when cleaning the LCD. Cleaning on Medi-View is suggested once a week or whenever it's necessary. We have also listed a number of medical cleaning solutions we have tested to date. This is not a finite list and if there is any special requirement for cleaning solutions we will be happy to have them tested and approved by our team.

已註解 [J6]: 此處只有說明清潔溶劑，請幫忙加上清潔方法 & 清潔部位 (若可以也請加上清潔頻率)

範例寫法: Use a soft cloth to moistened with water to wipe the unit (except the panel).

Product Model	Description	Result
Diversey Oxivir Wipes	Cleaning cloth	Pass
Actichlor Plus	Actichlor Plus tablet	Pass
Surfanios	Cleaning solution	Pass
SEPTANIOS MD	Cleaning solution	Pass
Anti-Bacterial Tablets	Anti-Bacterial Tablets	Pass
Mould & Bathroom Stain Remover	Cleaning solution	Pass
Clinell Universal Sanitising Wipes	Cleaning wipe	Pass
VIROX 5 RTU	Cleaning wipe	Pass
Rescue Sporicidal Liquid	Cleaning solution	Pass
ED EVERYDAY DISINFECTANT	Cleaning solution	Pass
Clorox Professional Disinfecting Bleach Wipes	Cleaning wipe	Pass

5.2 Safety information

General recommendations

Read the safety and operating instructions before operating the device. Retain safety and operating instructions for future reference.
Adhere to all warnings on the device and in the operating instructions manual. Follow

all instructions for operation and use.

Electrical Shock

- Do not modify this equipment without authorization of the manufacturer.
- No user-serviceable part inside. The equipment should be opened only by qualified service personnel.

Safety instructions

- The equipment must be powered using the delivered medical approved DC power supply only.
- The medical approved DC power supply must be powered by the AC mains voltage (protective earth terminal).

1. **To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.**
2. **Caution: This adaptor EDAC/EM11013C is a forming part of the medical device**

- Make sure the voltage of the power source is correct before connecting the equipment to the power outlet.
- Position the power cord so that it is not a hazard. Do not place anything over the power cord.
- If the equipment is out of use for an extended period, make sure to disconnect it from the power source to avoid damage in the event of a power surge.
- Earth the Medi-View 1 by connecting the protective earth pin to a grounded outlet by means of the sup- plied wire.
- If one of the following situations arises, ensure you get the equipment checked by service personnel:
  a) The power cord or plug is damaged.
  b) The equipment has been exposed to moisture.
  c) The equipment is not functioning properly, or you cannot get it to work according to the user manual.
  d) The equipment has been dropped and damaged.
  e) The equipment has obvious signs of breakage.
- To disconnect the device: Remove the rear power supply power connection.
- If your computer is losing time or the BIOS configuration resets to default settings, the battery most likely has no power.
- Do not replace the battery yourself. Please contact a qualified technician or your supplier of the Medi-View. The Medi-View is provided with a battery-powered real-time clock circuit. There is a danger of leakage or explosion if the battery is incorrectly replaced. Replace only with same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.
- Place the terminal on a stable surface that can support the weight of at least 4 terminals or hang from a reliable structure during installation. Dropping the equipment is likely to cause serious injury to a

child or adult, and serious damage to the equipment.

- Improper installation of VESA mounting can result in serious personal injury! Use a VESA mounting solution that can support a weight of at least 10kg. VESA mount installation should be carried out by a professional technician. Please contact the service technician or your reseller if you need this service.
- Keep this equipment away from excessive humidity.
- Do not pour any liquid into the vents on the terminal. This may cause fire or electrical shock.
- The vents on the enclosure are for air convection and protect the equipment from overheating. Do not cover the vents.
  When installing the terminal in a cupboard or another closed location, heed the necessary space between the set and the sides of the cupboard.
- Do not leave this equipment in an uncontrolled environment where the storage temperature is below -20 °C or above 60°C. This may damage the equipment.
- Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- For more information about recycling of this product, please contact your local city office, your municipal waste disposal service or the shop where you purchased the product.
- This equipment is not intended to be used in life support systems, operating rooms or for diagnostic purposes.
- External equipment intended for connection to signal input/output or other connectors, shall comply with relevant UL / IEC standard (e.g. UL 1950 for IT equipment and ANSI/AAMI ES 60601-1: 2005 AND CAN/CSA-C22.2 No. 60601-1:08 / IEC 60601 series for systems – shall comply with the standard IEC 60601-1-1, Safety requirements for medical electrical systems. Equipment not complying with UL 60601-1 shall be kept outside the patient environment, as defined in the standard."

Type of protection (electrical):

Display with external power supply: Class I equipment.

Degree of safety (flammable anesthetic mixture):

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

Non-patient care equipment

- Equipment primarily for use in a health care facility that is intended for use where contact with a patient is unlikely (no applied part).
- The equipment may not be used with life support equipment.
- The user is not supposed to touch SIP/SOPs and the patient at the same time.

Power connection – Equipment with external 120Vac~240Vac Power input

- Power requirements: The equipment must be powered using the delivered medical approved 120Vac~240Vac AC Input.
- The medical approved DC (⎓) power supply must be powered by the AC mains voltage.
- The power supply is specified as a part of the ME equipment or combination is specified as a ME system.
- To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.
- The equipment should be installed near an easily accessible outlet.
- The equipment is intended for continuous operation.

Transient over-voltage

If the device is not used for a long time, disconnect it from the AC inlet to avoid damage by transient over-voltage.

To fully disengage the power to the device, please disconnect the power cord from the AC inlet.

Power cords:

- Utilize a UL-listed detachable power cord, 3-wire, type SJ or equivalent, 18 AWG min., rated 250 V min., provided with a hospital-grade type plug 5-15P configuration for 120V application, or 6-15P for 240V application.
- Do not overload wall outlets and extension cords as this may result in fire or electric shock.
- Mains lead protection (U.S.: Power cord): Power cords should be routed so that they are not likely to be walked upon or pinched by items placed upon or against them, paying particular attention to cords at plugs and receptacles.
- The power supply cord should be replaced by the designated operator only at all time.

Ventilation

Do not cover or block any ventilation openings in the cover of the set. When installing the device in a cupboard or another closed location, heed the necessary space between the set and the sides of the cupboard.

This apparatus conforms to:

ANSI/AAMI ES 60601-1:2005; CAN/CSA-C22.2 No.60601-1:08; FCC-Class B; CE

5.3 Environmental information

Disposal Information

Waste Electrical and Electronic Equipment

This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service. For details, please visit the Remedi website at: http://www.remedi-tech.com/

Disposal of batteries in the product

This product contains batteries covered by the Directive 2006/66/EC which must be collected and disposed of separately from municipal waste.

If the battery contains more than the specified values of lead (Pb), mercury (Hg) or cadmium (Cd), these chemical symbols will appear below the crossed-out wheeled bin symbol.

By participating in separate collection of batteries, you will help to ensure proper disposal and to prevent potential negative effects on the environment and human health.

Turkey RoHS compliance

Türkiye Cumhuriyeti: AEEE Yönetmeliğine Uygundur. [Republic of

Turkey: In conformity with the WEEE Regulation] 中国大陆

RoHS

Chinese Mainland RoHS

根据中国大陆《电子信息产品污染控制管理办法》(也称为中国大陆 RoHS)，以下部分列出了 Remedi 产品 中可能包含的有毒和/或有害物质的名称和含量。中国大陆 RoHS 指令包含在中国信息产业部 MCV 标准：“电子信息产品中有毒物质的限量要求”中。

According to the “China Administration on Control of Pollution Caused by Electronic Information Products” (Also called RoHS of Chinese Mainland), the table below lists the names and contents of toxic and/or hazardous substances that Remedi's product may contain. The RoHS of Chinese Mainland is included in the MCV standard of the Ministry of Information Industry of China, in the section “Limit Requirements of toxic substances in Electronic Information Products”.

零件项目(名称) **Component name**	有毒有害物质或元素 **Hazardous substances and elements**					
	铅 **Pb**	汞 **Hg**	镉 **Cd**	六价铬 **Cr6+**	多溴联苯 **PBB**	多溴二苯醚 **PBDE**
印制电路配件 Printed Circuit Assemblies	x	o	o	o	o	o

零件项目(名称) **Component name**	有毒有害物质或元素 **Hazardous substances and elements**					
	铅 **Pb**	汞 **Hg**	镉 **Cd**	六价铬 **Cr6+**	多溴联苯 **PBB**	多溴二苯醚 **PBDE**
外接电(线)缆 External Cables	x	o	o	o	o	o
内部线路 Internal wiring	o	o	o	o	o	o
塑胶外壳 Plastic enclosure	o	o	o	o	o	o
电源供应器 Power Supply Unit	x	o	o	o	o	o
风扇 Fan	o	o	o	o	o	o
文件说明书 Paper Manuals	o	o	o	o	o	o
光盘说明书 CD manual	o	o	o	o	o	o
O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下. O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.						
X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求. X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006						

在中国大陆销售的相应电子信息产品(EIP)都必须遵照中国大陆《电子信息产品污染控制标识要求》标准 贴上环保使用期限(EFUP)标签。Remedi 产品所采用的 EFUP 标签(请参阅实例，徽标内部的编号使用于制 定产品)基于中国大陆的《电子信息产品环保使用期限通则》标准。

All Electronic Information Products (EIP) that are sold within Chinese Mainland must comply with the “Electronic Information Products Pollution Control Labeling Standard” of Chinese Mainland, marked with the Environmental Friendly Use Period (EFUP) logo. The number inside the EFUP logo that Remedi uses (please refer to the photo) is based on the “Standard of Electronic Information Products Environmental Friendly Use Period” of Chinese Mainland.

5.4 Regulatory compliance information

Indications for use

The Medi-View is not intended to be used in patient monitoring, diagnosis, treatment, alleviation or preven- tion of diseases, injuries and handicaps.

FCC class B

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 can radiate 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.

5.5 EMC notice

General information

No specific requirement on the use of external cables or other accessories except power supply.

With the installation of the device, use only the delivered power supply or a spare part provided by the legal manufacturer. Using another can result in a decrease of the immunity level of the device.

Electromagnetic emissions

The Medi-View is intended for use in the electromagnetic environment specified below. The customer or the user of the Medi-View should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment – Guidance
RF emissions CISPR 11	Group 1	The Medi-View uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class A	The Medi-View is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class D	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

This Medi-View complies with appropriate medical EMC standards on emissions to, and interference from surrounding equipment. 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.

Interference can be determined by turning the equipment off and on.

If this equipment does cause harmful interference to, or suffer from harmful interference of, surrounding equipment, the user is encouraged to try to correct the interference by one or more of the following mea- sures:

- Reorient or relocate the receiving antenna or equipment.
- 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 technician for help.

Recommended separation distance

The Medi-View is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer of the user of the Medi-View can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (trans-mitters) and the Medi-View as recommended below, according to the maximum output power of the com- munications equipment.

2. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Medi-View is used exceeds the applicable RF compliance level above, the Medi-View should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Medi-View.
3. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Rated maximum output power of transmitter [4] **W**	**Separation distance according to frequency of transmitter**		
	150kHz to 80MHz **d=1.2√P**	**80MHz to 800MHz** **d=1.2√P**	**800MHz to 2.5GHz** **d=2.3√P**
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection form structures, object and people.

5.6 Explanation of symbols

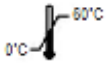
Symbols on the device

On the device or power supply, you may find the following symbols (nonrestrictive list):

CE	Indicates the device meets the requirements of the applicable EC directives.
FC	Indicates compliance with Part 15 of the FCC rules (Class A or Class B)
D	Indicates the device is approved according to the UL Demko regulations
VCCI	Indicates the device is approved according to the VCCI regulations

4. For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter. Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

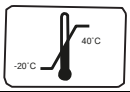
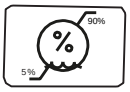
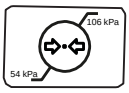
BSMI	Indicates the device is approved according to the BSMI regulations
USB	Indicates the USB connectors on the device

	Indicates the DisplayPort connectors on the device
	Indicates the manufacturing date
	Indicates the temperature limitations[5] for the device to safely operate within specs.
	Indicates the device serial no
	**Warning**: dangerous voltage
	**Caution**
	Consult the operating instructions
	Indicates this device must not be thrown in the trash but must be recycled, according to the European WEEE (Waste Electrical and Electronic Equipment) directive
	Indicates Direct Current (DC)
	Indicates Alternating Current (AC)
	Stand-by

Symbols on the box

On the box of the device, you may find the following symbols (nonrestrictive list):

5. Values for xx and yy can be found in the technical specifications paragraph.

	Indicates a device that can be broken or damaged if not handled carefully when being stored.
	Indicates a device that needs to be protected from moisture when being stored.
	Indicates the storage direction of the box. The box must be transported, handled and stored in such a way that the arrows always point upwards.
	Indicates the maximum number of boxes to be stacked on each other.
	Indicates that the box should be carried with two persons.
	Indicates that the box should not be cut with a knife, a cutter or any other sharp object.
	Indicates the temperature limits[6] to which the device can be safely exposed when being stored.
	Indicates the range[6] of humidity to which the device can be safely exposed when being stored.
	Indicates the range[6]of atmospheric pressure to which the device can be safely exposed when being stored.

5.7 Legal disclaimer

Disclaimer notice

Although every attempt has been made to achieve technical accuracy in this document, we assume no responsibility for errors that may be found. Our goal is to provide you with the most accurate and usable documentation possible; if you discover errors, please let us know.

Remedi software products are the property of Remedi. They are distributed under copyright by Remedi N.V. or Remedi, Inc., for use only under the specific terms of a software license agreement between Remedi N.V. or Remedi Inc. and the licensee. No other use, duplication, or disclosure of a Remedi software product, in any form, is authorized.

The specifications of Remedi products are subject to change without notice.

Trademarks

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Copyright notice

6. Values for xx and yy can be found in the technical specifications paragraph.

5.8 Technical specifications

Technical specifications for the Medi-View

	Intel Z3735G/F Baytrail T/CR 15.6”	Intel Z3735G/F Baytrail T/CR 18.5”
Display Screen		
Type	15.6" HD TFT (1366 x 768 resolution)	18.5” WXGA TFT (1366 x 768 resolution)
Colour Depth	24 bit	
Interface	LVDS	
Backlight	LED	
Brightness	220 Cd brightness	300Cd brightness
Brightness Control	20% to 100% user controllable	
Touch Screen	5-wire resistive or projective multi-touch	
Peripherals and Device Interfaces		
Headphone Socket	3.5mm stereo jack x 2	
Smart Card Reader	USB interface, integrated on bottom of display terminal.	
Camera	Integrated CMOS camera (Optional)	
RFID	Integrated multi frequency RFID reader. (Optional)	
Handset & Cradle	Multi-functional VoIP Phone with multi-media control and 2D barcode scanner (Optional)	
Power	2.5mm DC Jack (inside the top cover)	
Grab Handle	Integrated grab handle multi frequency RFID reader x 2. (Optional) 1. RFID A (optional), refer to Page 6 for its location 2. RFID B (optional), refer to Page 8 for its location	
Ethernet	10 / 100Mbit Ethernet LAN port, RJ-45 (inside the top cover)	
USB Ports	2 x USB 2.0 ports for external peripherals in lower connector recess 1 x USB 2.0 mini type (inside the top cover) 1 x USB 2.0 (inside the top cover)	
Audio Sub System		
Amplifier	2.0W RMS per channel speaker/ headphone output Software speaker/ headphone speaker mute	
Speakers	2 x 3W stereo speakers	
Capacitive Touch Keys		
Power	On / Off (Backlight on/off)	
Volume	Increase / Decrease (Optional)	
Brightness	Increase / Decrease (Optional)	
External I/O User Interface		
USB Port	2 x USB2.0 for external peripherals in lower connector recess	

已註解 [J7]: 前方有說明到 Top 部分還有一些 I/O ports, 請幫忙加入說明於此處.

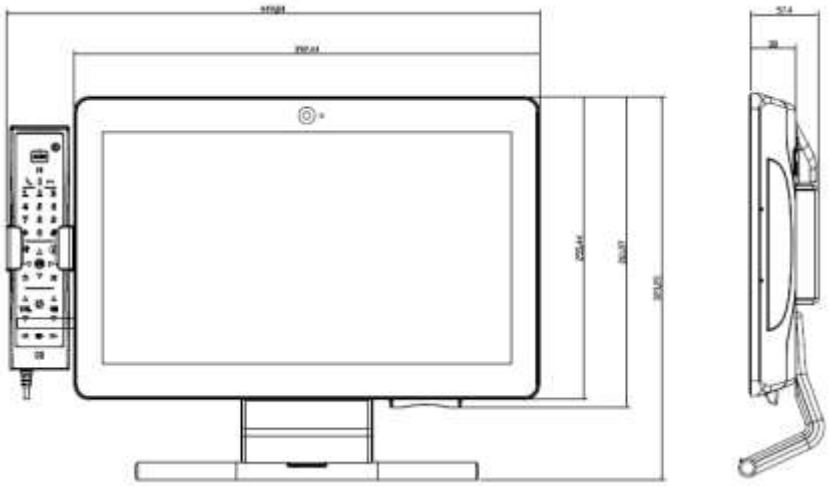
已註解 [J8]: Grab handle 有 2 種架構, 請修改敘述.

已註解 [J9]: 樣品上僅有 USB 2.0, 請修改

Headphone Socket	2 x 3.5mm stereo jack	
Mechanical & Environmental		
Power Requirement	System input: 19Vdc, 4.73A; Power adapter input: 100-240Vac, 50-60 Hz, 2.0-1.0A (for 18.5" and 15.6" models with UL power supply EDAC / EM11013C)	
Power Connector	DC Jack (for 18.5" and 15.6" models with UL power supply)	
Operating Temp	0~40˚C (32~104˚F)	
Storage Temp	-20~60˚C (-4~140˚F)	
Operating Humidity	5-90 %	
Storage Humidity	5-90 %	
Relative Humidity	5~90% Relative Humidity, Non-condensing	
Operating Pressure	54kPa -106kPa	
Storage Pressure	54kPa -106kPa	
Mounting	Hinge mount for Remedi desk stand.	
Dimension	392.45mm x 255.45mm x 57.4mm (W/O any Peripherals)	463.95mm x 289.95mm x 61.7mm (W/O any Peripherals)
Weight	2.9 Kg Max	4.47kg Max
Thermal	Full System Fan-less	
Reliability		
EMC	Class B, CE/FCC/ICES/VCCI/RCM	
Safety	UL/cUL/IEC 60601-1	
Vibration Test	Standard (0.00454G²/Hz,1.5Grms 5~500Hz)	
Mechanical Shock Test	Standard	
Drop Test	IEC-60068-2-32 (81.3cm)	

5.9 System Dimensions

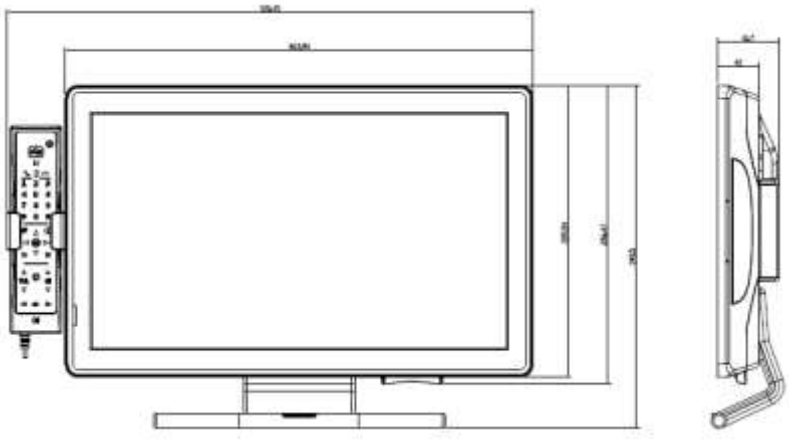
5.9.1 15.6" Medi-View



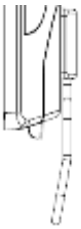
(With grab handle. This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)

(With simple grab handle This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)

5.9.2 18.5" Medi-View



(With grab handle. This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)



(With simple grab handle This handle is designed at user's convenience to move the Medi-View around, DO NOT use it for any other purposes, ex. as a hanger.)

5.10 Trouble Shooting Guide

Hardware Questions

Q. Where is the Power Reset Button located?

A. The Power Reset Button is located on the bottom I/O, please refer to the product manual for further instructions

Q. Where can I find the Serial Number & MAC Address?

A. The System Serial Number is printed on the Rating Label, located on the back of the terminal; please refer to the product manual for further instructions.

Q. What is the standard Warranty for the System?

A. Remedi offer a 24 month Return to Base Policy for all product. Please contact your service provider for further details.

Q. Where is the Power Button located on the Display?

A. The Remedi logo on the bottom of the screen acts as both a Power / Display Off button. There is also a indication LED behind the Remedi Logo to show the power state.

Q. How do I fix the Display to the desk stand?

A. The Remedi Terminal comes with a custom Hinge Mount, and we provide the 4x screws need to fix it to the arm. Please refer to the product manual for a step by step guide on how to fix them together.

Software Questions

For questions related to software please contact your System Integrator for more information.

Mechanical Questions

Q. The display is drooping when I try to position it, how can I fix this.

A. The desk stand hinge can be adjusted to give more balance depending on the weight of the terminal. Please refer to the product manual for further instructions.

The Majority of Remedi products are custom built to meet the needs of the end customer, for further questions regarding the system please speak to your local System Integrator who will be very happy to assist.

Thank you for purchasing and using Medi-View Bedside Terminals.
We hope you have a joyful experience with our products and services.

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