



Safety Symbol

This manual uses the safety symbols below. They denote critical information. Please read them carefully.

\triangle	WARNING Failure to abide by the information in WARNING may result in serious injury and can be life threatening.
\triangle	CAUTION Failure to abide by information in CAUTION may result in moderate injury and/or property or product damage.
\triangle	ATTENTION Consult accompanying documents.
A	The lighting flash with arrowhead symbol in an equilateral triangle, is intended to alert the user to the presence of un-insulated "Dangerous Voltage" within the product's enclosure that of many sufficient magnitude to constitute a risk of electric shock to persons.
Ċ	Stand-by Switch. Press to turn the monitor on or off (Stand-by mode).
\oslash	Diagonal line in circle indicates a prohibited action.
	Protective earth (ground).
٩	Fragile. Handle with care.
~	Alternating current.
===	Direct Current.

- Power supplied equipment can emit electromagnetic waves, which could influence, limit or result in malfunction of the monitor. Install the equipment in the controlled environment, where such effects are avoided.
- This monitor is intended for use in a medical image system environment. It does not support the display of mammography images for diagnosis.
- Product specification may vary depending on region. Please confirm the specifications within the user's manual of your region.
- Power supplied equipment can emit electromagnetic waves, which could influence, limit or result in malfunction of the monitor. Please install the equipment in a controlled environment where such effects are avoided.
- These CX3MP and CX2MP monitors are intended for use in medical image system environment but does not support the display of mammography images for diagnosis. For the diagnosis of mammography digital images, please contact your local sales representative.
- Product specifications may vary depending on the sales region. Please confirm the specifications within the manual.

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Environmental Information

Disposal Information

This product consists of devices that may contain mercury, which must be recycled or disposed of in accordance with local, state, or country laws (within this system, the backlight lamps in the monitor display contain mercury). This equipment has required the extraction and use of natural resources for its production. It may contain hazardous substances for health and environment. In order to avoid the dissemination of those substances in the environment and to diminish the pressure on natural resources, we encourage you to use the appropriate take-back systems. Those systems will reuse or recycle most of the materials of your end-of-life equipment in a sound way.



The crossed-out wheeled bin symbol invites you to use those systems. If you need more information on the collection, reuse and recycling systems, please contact your local or regional waste administrator. You can also contact our nearest representative office for more information on the environmental performances or disposal of our products.

Cleaning

The screen is made of thin glass with a plastic front surface and can be damaged if dropped, hit or scratched. Do not clean the front panel (LCD glass) with ketone-type materials (e.g., acetone), ethyl alcohol, toluene, ethyl acid, methyl, or chloride-these may damage the panel.

- Panel: Clean with a soft woolen fabric or cotton towel. Use a watery solution or a mild commercial glass cleaning solution.
- Cabinet: Clean with a soft cloth dampened with mild detergent and water. Repeat this with water only and wipe dry with a dry cloth.

Repacking

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Do not throw away the carton and packing materials. We encourage you to keep them for future use in the case of returning the product for replacement or repair. This ideal package is specially designed and is not easy to find.

Safety Introductions

General Recommendations

Read the safety and operating instructions before operating the display.

Retain safety and operations for future reference.

Adhere to all warnings of this display and in the operating instructions manual. Follow all instructions for operation and use.

\bigwedge	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	A
AVERTISSEMENT RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR		
CAUTION: TO REDUCE THE	RISK OF ELECTRIC SHOCK,	
DO NOT REMOVE	E COVER (OR BACK).	
NO USER-SERVI	CEABLE PARTS INSIDE.	
REFER SERVICIN	NG TO QUALIFIED SERVICE PE	RSONNEL.



Grounding Reliability Can Only Be Achieved When The Equipment is connected To An Equivalent Receptacle Marked "Hospital Only" or "Hospital Grade".

When the unit is used together with other equipment in the patient area, the equipment shall be connected according to Standard UL60601-1 and IEC60601-1.

Classification

- Protection against electric shock: Class I Equipment.
- Degree of protection against electric shock: No applied parts.
- Degree of protection against the ingress of water: ordinary IPXO.
- Degree of safety in the presence of flammable anesthetics mixture with air or with oxygen or with nitrous oxide: Not suitable for use in the presence of flammable anesthetics mixture with air or with oxygen or with nitrous oxide.

This equipment has been tested and found to comply with the limits for medical devices to the IEC 60601-1-2:1994. These limits are designed to provide reasonable protection against harmful interference in a typical medical 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 other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, 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 device.
- Increase the separation between the equipment.
- Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.
- Consult the manufacturer or field service technician for help.





FCC Information

1. User Instructions

The Federal Communications Commission Radio Frequency Interference Statement includes the following warning:

NOTE : 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 receptions, 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 a local dealer.

User Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If necessary, consult your dealer or an experienced radio/television technician for additional suggestions. You may find the booklet called How to identify and Resolve Radio/TV Interference problems helpful. This booklet was prepared by the Federal Communications commission. It is available from the U.S. Government Printing Office, Washington, DC 20402, Stock Number 004-000-00345-4.

User must use shielded signal interface cables to maintain FCC compliance for the product.

2. Declaration of conformity for products Marked with FCC Logo

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 undesired operation.

The party responsible for product compliance:

Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any UL Listed personal computer with similar configuration. Before making the connection, make sure the voltage rating of the computer convenience outlet is the same as the monitor and that the ampere rating of the computer convenience outlet is equal to or exceeds the monitor voltage rating. For 120 Volt applications, use only UL Listed detachable power cord with NEMA configuration 5-15P type (parallel blades) plug cap. For 240 Volt applications use only UL Listed Detachable power supply cord with NEMA configuration 6-15P type (tandem blades) plug cap.

IC Compliance Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations of ICES-003.

VCCI Class B ITE

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この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置が
ラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがありま
す。取扱説明書に従って正しい取り扱いをして下さい。
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PRECAUTIONS 1. INSTALLING WARNING

If you see smoke emitting from the monitor, if you smell burning or if you hear strange noise out of the monitor, you should disconnect all power connections immediately and contact your dealer for the technical advice. Attempting to use a faulty monitor may cause fire, electric shock, or equipment damage.





Keep the monitor a good distance from any wall to increase circulation of air. Increased internal temperature may result in fire, electric shock or equipment damage.

Warning to service technician

Suitable marking provided on the equipment shall be provided in the servicing instructions to alert a SERVICE TECHNICIAN to a possible hazard, where both of the following conditions exist:

· Fuse is used in the neutral of single-phase equipment either permanently

connected of provided with a non-reversible plug.

• After operation of the fuse, parts of the equipment that remain energized might represent a hazard during servicing.

2. USAGE WARNING

Use the enclosed power cord and connect to the standard power outlet of your country.

Be sure to remain within the rated voltage of the power cord. Not doing so may result in fire or electric shock.

Power supply: AC100-240V~, 50/60Hz, 1.5A		
	-	
\bigcirc	Make sure to plug the power cord in until it is firmly inserted. When disconnecting the power cord, make sure to hold the power plug when pulling the plug from the outlet. Tugging on the	
О.К.	cord may damage and result in fire or electric shock.	
	The monitor must be connected to a grounded main outlet. Not doing so may result in fire or electric shock.	

Use the correct voltage.

This monitor is designed for use with a specific voltage only. Connection to another voltage different than specified in this user manual may cause fire, electric shock, or equipment damage.

Power supply: AC100-240V~, 50/60Hz, 1.5A

- Do not overload your power circuit, as this may result in fire or electric shock.
- Do not touch any signal input, signal output or other connectors, and the patient simultaneously.
- External equipment intended for connection to signal input, signal output or other connectors, shall comply with relevant IEC standard. (e.g., IEC60950 for IT equipment and IEC60601 series for medical electrical equipment.)

In addition, all such combination - system - shall comply with the standard IEC60601-1-1, safety requirements for medical electrical systems. Any person who connects external equipment to signal input, signal output or other connectors has formed at system and is therefore responsible for the system to comply with the requirements of IEC60601-1-1. If, in doubt, contact your local Canvys representative.



Handle the power cord with care

Do not place the cord underneath the monitor or other heavy objects. Do not pull on or tie the cord. If you notice any external damage on the power cord, please stop using it. Using a damaged cord may result in fire or electric shock.

and a second sec	Do not touch a damaged LCD panel directly with bare hands. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, and air freshener. This many damage the appearance or erase the printing on the monitor. You can clean the LCD monitor with a damp cloth if necessary, but be sure to unplug the power cable first.
	Keep small objects away from the monitor. Small objects can accidently fall through the ventilation slots and into the cabinet which may result in fire, electric shock or equipment damage.
	Never touch the plug and power cord if it begins to thunder outsides. Doing so may result in electric shock.

CAUTION

Handle with care when carrying or moving the unit. Disconnect the power cord and cables when moving the monitor. Moving the monitor with the cord connected is dangerous, and it may cause harmful injury to you.



- Use an easily accessible power outlet. This will ensure that you can disconnect the power quickly in case of a problem.
- Periodically clean the area around the plug.
- Dust, eater, or oil on the plug may result in fire.
- Unplug the monitor before cleaning. Cleaning the unit while it is plugged into a power outlet may result in electric shock.
- Be sure to pull the power plug out of the outlet if the monitor is to remain unused or if you are to leave the office for an extended period of time for the safety and power conservation.



Double Pole/Neutral fusing

As an alternative to the above wording, use of the following combination of representative symbols, which include the electric shock hazard symbol ISO 3864, NO. 5036, the fuse symbol IEC-60417-5016 (DB: 2002-10), and an indication that the fuse is in the neutral N, is permitted.

However in this case, the statement shall also be provided in the servicing instructions Need to change label statement below.



Label Statement





Notice

- This monitor has been adjusted specifically for use in the region to which it was originally shipped. If the product is used outside the region, it may not operate in the specifications.
- Please wait 20-40 minutes after powering on the monitor before adjusting, as it takes roughly this same amount of time for the optimum performance of the electrical parts.
- The screen may have defective pixels. These pixels may appear as slightly light or dark area on the screen. This is due to the characteristics of the panel itself, and not the monitor.
- The backlight of the LCD panel has a fixed life span. When the screen becomes dark or begins to flicker, please contact your dealer.
- Do not press on the panel or edge of the frame strongly, as this may result in the display malfunction, such as the interference patterns, etc. If pressure is continually applied to the LCD panel, it may deteriorate or damage your LCD panel.
- Do not scratch or press on the panel with any sharp objects, such as a pencil or pen as this may result in damage on the panel. Do not attempt to brush with tissues as this may scratch the LCD panel.
- When you bring the monitor from cold temperature room into a high temperature room or when your room temperature goes up quickly from low to high, dew condensation may occur inside and outside the monitor. In this case, do not turn on the monitor. Please wait till dew condensation disappears. Otherwise it may cause some damages to the monitor.
- Prolonged operation of an LCD with the same content on the same screen area may result in a form of image retention. You can avoid or significantly reduce the occurrence of this phenomenon by using a screen saver. You can activate a screen saver in the "Display Properties" window of your workstation. Canvys recommends setting screen saver activation after 5 minutes of non-usage. In case you are working with the same image or an application with static image elements for several hours continuously (so that the screensaver is not activated); change the image content regularly to avoid image retention of the static elements.
- Image retention is a phenomenon inherent to TFT LCD displays technology itself, and as such, the occurrence of this "ghosting" effect is considered normal operation

by the LCD glass manufacturer. As a result, Canvys is not responsible for this damage and does not warrant any displays against the occurrence of Image Sticking. We strongly advise that you follow the operating recommendations listed above.

Introduction

1. Features

•	Large display area:				
	CX3MP	21.2"			
	CX2MP	21.3"			
	Multi-input suppo 30-bit RGB Colo 10-bit Packed pi: Jniformity Enhar Color calibration Precise DICOM Stable Brightnes Diverse DICOM The height /tilt/sv Flexible display: JSB 2.0 Complia Recommended r	ort: DVI and Disp r signal input sup kel input support neement Functic with built-in Col- calibration with ' s Control (SBC) Modes for divers vivel/pivot adjus Landscape and ance, Upstream esolution	olayPort oport via DisplayPort via DVI. n (LUC) or sensor 14-bit LUT and built-i se application table stand Portrait mode port X 1 and downst	t n sensor ream port X 3	
		Land	lscape	Portrait	
ĺ	CX3MP	2048	3 x 1536	1536 x 2048	
	CX2MP	1600) x 1200	1200 x 1600	



2. Package Contents

Please contact your local dealer for assistance if any of the listed items is missing or damaged.



3. Controls and Connectors

1) Front Bottom and Side



No	Description			
1	Input Source button			
2	þ	Menu button		
3	Ţ	Enter button		
4	•	Down / Left button		
5		Up / Right button		
6	¥	LED Lamp on/off button		
0	Power LED - Abnormal or disconnected signal: the LED blinks with green - OSD on: the LED is green / Otherwise, the LED is off			
8	Ċ	Soft power on/off button		
9	Color sensor. Measuring luminance(Y) and Color coordination(x,y) on DICOM Calibration or Color calibration			
10	Ambient light Sensor. Measuring room light on DICOM calibration			

2) Side and Rear





Installation

1. Removing the covers

Remove the connector compartment cover and stand cover shown in the following pictures.





2. Connecting the cables



- Connect the power cord to the AC input outlet (6) on the back of the monitor.
- Connect the DVI and DisplayPort cable from PC to (2) and (3) respectively.
- Connect the USB cable to ④.
- Turn on the monitor and computer.
- Recommended resolution



WARNING : Use the enclosed power cord and connect to the standard power outlet of your country. The equipment must be connected to the grounded main outlet.



3. Routing the signal cables

Please make sure to wire tie and secure all cables behind monitor as shown below. If you need to untie the cables, press the locking to unlock the mechanisms with your finger and pull out the wire tie towards your direction.



4. Monitor Positioning

Adjust the monitor orientation to your preference with following functions.

Height

Monitor will be shipped in lock position. If you want to adjust the height, first of all you need to unlock this default position by pushing the lock button located on the bottom of the stand, and then you will be able to move the head of the monitor up and down.





Rotation



 \triangle **WARNING** : A Low height adjustment might cause a scratch on surface of the monitor's base stand when rotating monitor. Please set the monitor head at high height and pull out the bottom portion of the head toward you before you make rotation. This will help you to avoid the scratches on the stand base and around the edges of the monitors. You will see the detail instruction sticker on the stand base. Follow this instruction.

Swivel and Tilt





5. Monitor Setting

All monitor settings are controlled on OSD. Please make sure that the OSD is in the unlock state before adjustment.

1) Input Source set

Pressing the L button toggles between DVI and DisplayPort input. The selected input source message will appear on the OSD.

2) OSD Lock/Unlock

a. Lock out

Press L button and hold for about 5 seconds, then the OSD lock message will appear if the OSD is locked out properly.

b. Unlock

Press L button and hold for about 5 seconds, then the OSD unlock message will appear if the OSD is unlocked properly.

3) Brightness Adjustment

a. To activate menu

Press "**4**" or "**b**" button in OSD off. **b. Adjusting**

Press " **•**" or " **•**" button for decrease or increase value.



4) LED Lamp brightness Adjustment a. To activate menu

Press "" button for about 5 seconds in

OSD off.

b. Adjusting

Press " **•**" or " **•**" button for decrease or increase value.



5) DICOM Mode



a. To activate menu

Press "L" button in OSD off, the DICOM Mode OSD will appear.

b. Adjusting

On the DICOM Mode OSD, Pressing "L" button will set the next DICOM mode.

*The default luminance	is subject to b	be changed	without notice.
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	Gamma	Color Temperature	Default Luminance
DICOM White	DICOM Part14	7500'K	450 cd/m ²
DICOM Blue	DICOM Part14	12500'K	350 cd/m ²
CT/MRI	DICOM Part14	7500'K	350 cd/m ²
Ultrasound	Gamma 2.2	7500'K	350 cd/m ²
USER	User Calibration available	User Calibration available	450 cd/m ²

< Color-temperature and gamma as DICOM Mode >

6) Adjusting the settings on Main OSD



< Main OSD>

Accessing the Main OSD:

- Opening the Main OSD: press "" button.
- Closing the Main OSD: press "⁽¹⁾" button on top-menu or makes no adjustment for certain period (set in the "OSD setting->turns off").
- Menu navigation: press "
 or "
 button.
- Entering the sub-menu: press "L" button.
- Adjusting the selected function: press "◀" or "▶" button (Highlight will move) and press "♣" button for confirmation, then confirmation mark for will move to the set.

Main menu	Icon	Sub menu or item	Factory Settings	Description
DICOM Mode		DICOM White	USER	6)A
	0	DICOM Blue	-	Or E)DICOM
	12-	CT/MRI		Mode
		Ultrasound		
		USER		
Display Setting		Input Modes	Auto	6)B
		SBC	450	6)B
		Uniformity Enhancement	Max.	6)B
	100	Power Save	Enable	6)B
		LUT Enable	Enable	6)B
		Cooling Fan Speed	50	6)B
		Self Diagnosis	-	6)B
		Factory Reset	-	6)B
OSD Setting		Language	English	6)C
		Position	Top Right	6)C
	Ø	Transparency	Solid	6)C
		Turn off	10 sec.	6)C
		Lock out	Locked	6)C
		Rotation	Portrait	6)C

Information		Information	-	6)D
	P	Luminance Measurement	-	6)D
		Ambient Measurement	-	6)D

A. DICOM Modes

Refer to 5) DICOM Mode for more detail.

B. Display Setting

Input Mode	 Auto: Input is automatically taken to Mono or Color by input format. Mono: Input is taken to the 10-bit packed Mono by force. Color: Input is taken to the RGB 24-bit dual link Color by force.
SBC (Stable Brightness Control)	 250-550: Automatically adjusts the overall light intensity targeting to the selected luminance. USER: Automatically adjusts the overall light intensity targeting to the luminance set by a user. OFF: SBC function off
Uniformity Enhancement	OFF: Uniformity off 1-5: Uniformity level (level 5 is the most uniform set)
Power Save	 Enable: Goes into Power Save mode on the power save condition. Disable: Doesn't get into Power Save mode on the power save condition.
LUT Enable	 Enable: DICOM LUT enable. Disable: DICOM LUT disable (i.e. panel gamma itself).
Cooling Fan Speed	• 0-100: Adjusts the cooling fan speed.
Self Diagnosis	 Visual Test: It shows test patterns by monitor itself. Power Block: It checks if the power blocks inside monitor are correct or not. Memory Block: It checks if the memory blocks inside monitor are correct or not. Devices: It checks if the devices inside monitor work correctly or not.

Factory Reset	ALL: All of the monitor settings are reset to factory defaults.			
	• DICOM Mode: All of the "DICOM Mode" settings are reset to factory			
	default.			
	• Display Setting: All settings of the "Display Setting" are reset to factory			
default.				
	• OSD Setting: All settings of the "OSD Setting" are reset to factory defaults.			

C. OSD Setting.

Language	 Selects OSD language Supported languages: English, German, French, Spanish, Italian, Russian, Japanese, Chinese and Korean
Position	Selects OSD Position: Top-left, Top-right, Center-middle, Bottom-left or Bottom-Right
Transparency	 OSD Transparency set Opaque: OSD is shown with opaque Transparency: OSD is shown with transparent
Turn off	Adjusts the OSD off time from when the on button is pressed.
Lock out	Makes OSD lock or unlock
Rotation	You can rotate the OSD according to your display rotation

D. Information

Information	 Model Name: The display model name Serial Number: The display Serial Number Firmware Version: The current internal Firmware version Display Runtime: Indicates the total operating time of the display including the time in DPMS Backlight Runtime: Indicates the total operating time of the display excluding the time in DPMS
Luminance Measurement	The luminance measured by the IQ^TM Sensor, expressed in nit (cd/m²) unit
Ambient Measurement	The ambient light measured by the built-in ambient sensor, expressed in Lux unit

Making use of USB (Universal Series Bus)

This monitor provides a hub which supports the USB standard 2.0. When connecting to a USB compliant PC or another hub, the monitor functions as a hub to which the USB compliant peripherals can be easily connected.

Environment Conditions of usage

- PC equipped with USB ports or another USB hub connected to the USB compliant PC
- Windows 2000/XP/Vista, and Windows 7
- USB cable (enclosed)

Connection to the USB Hub

- 1. Connect the monitor to the PC with the signal cable first, then turn on the PC
- 2. Connect the upstream port of the monitor to the downstream port of the USB compliant PC or another hub by using the USB cable.
- 3. After connecting the USB cable, the USB function can be set up automatically.



Upstream Port: Connect the USB Compliant PC or another hub using the USB cable.

NOTE: Install the USB software enclosed CD.



4. After setting up, the monitor's USB hub is available for connecting USB compliant peripherals to the downstream ports of the monitor.



Downstream Port: Connect the cable from USB compliant peripherals such as **a mouse**, **keyboard**, **etc**.





Monitor Specifications

1. CX3MP

Panel Specification					
LCD Panel	540.0mm (21.2 Inch)				
	LCM Mode: IPS-Pro				
	Response Time: 20ms (Black>White>Black)				
Viewable Image Size	431.6(H)mm X 323.7(V)mm				
Display Resolution		Portrait Landscape			
	Single Head	1536 x 2048	2048 x 1536		
	Dual Head	3072 x 2048	4096 x 1536		
Pixel pitch	0.21075mm X 0.21075n	nm			
Brightness	900cd/m ²	900cd/m ²			
Contrast Ratio	1000 : 1				
Viewing angle	80°/ 80°/80° (up/down/right/left)				
Compatibility (Video card)					
QXGA	2048 x 1536 @60Hz				
INPUT Specification	DVI	DisplayPort			
Input connector	DVI-I	20pin DisplayPort connector			
Input Signal	Dual-Link	4 lanes			
	RGB 24-bit or single Packed 10-bit	RGB 30-bit			
Sync Type	Hsync: 96KHz	Hsync: 96KHz			
	Vsync: 60Hz	Vsync: 60Hz			
Dot CLK: 260MHz Dot CLK: 26		Dot CLK: 260MHz	CLK: 260MHz		
USB	Standard	USB specification Rev 2.0			
	Port	Upstream port X 1,Downstream port X 3			
	Communication Speed	480Mbps, 12Mbps, 1.5Mbps			
Plug & Play	VESA DDC2B				
Power Specification					
Power Supply	100~240 Vac ±10%, 1.5A, 50/60Hz				
Power consumption	Typical	105W			

	DPMS	Less than 1W
Power management	NUTEK	

2. CX2MP

Panel Specification				
LCD Panel	540.0mm (21.3 Inch)			
	LCM Mode: IPS			
	Response Time: 20ms (Black>White>Black)			
Viewable Image Size	432(H) X 324(V)mm			
Display Resolution				
	Single Head	Single Head	Single Head	
	Dual Head	Dual Head	Dual Head	
Pixel pitch	0.270mm X 0.270mm			
Brightness	860cd/m ²	860cd/m ²		
Contrast Ratio	1050 : 1			
Viewing angle	88°/ 88°/ 88°/ 88° (up/down/right/left)			
Compatibility (Video card)				
UXGA	1600 x 1200 @60Hz			
INPUT Specification	DVI	DisplayPort		
Input connector	DVI-D	20pin DisplayPort connector		
Input Signal	Dual-Link	4 lanes		
	RGB 24-bit or single Packed 10-bit	RGB 30-bit		
Sync Type	Hsync: 75KHz	Hsync: 75KHz		
	Vsync: 60Hz	Vsync: 60Hz		
	Dot CLK: 162MHz	Dot CLK: 162MHz		
USB	Standard	USB specification Rev 2.0		
	Port	Upstream port X 1, Downstream port X 3		
	Communication Speed	tion Speed 480Mbps, 12Mbps, 1.5Mbps		
Plug & Play	VESA DDC2B			
Power Specification				
Power Supply	100~240 Vac ±10%, 1.5A, 50/60Hz			
Power consumption	Typical	Typical		
	DPMS	DPMS		
Power management	NUTEK			

Mechanical Specification and Regulatory

1. CX3MP

Mechanical Specification			
Dimension	Portrait: 378mm X 535.9mm X 248.8 mm (Net)		
(W X H X D)	Landscape: 506.2mm X 471.8mm X 248.8mm (Net)		
	Gross: 525mm X 640mm X 320mm		
Weights	Net: 11.0Kg		
	Gross: 16.5Kg		
Adjustment ability			
Height	0~110mm		
Rotation	90° (Landscape or Portrait)		
Tilt	-3°/ +15°		
Swivel	-20°/ +20°		
Environmental Consideration			
Operating	Temperature: 0°C to 40°C / 32°F to 104°F		
	Humidity: 10% to 80%		
	Atmospheric pressure Range : 700hPa to 1060hPa		
Storage	Temperature: -20°C to 60°C / -40°F to 140°F		
	Humidity: 5% to 95%		
	Atmospheric pressure Range : 500hPa to 1060hPa		
Regulatory			
Approvals	UL60601-1 / EN60601-1 / IEC601-1s B		
	CE, VCCI, KCC, C-Tick		

2. CX2MP

Mechanical Specificati	on		
Dimension	Portrait: 378mm X 535.9mm X 248.8 mm (Net)		
(W X H X D)	Landscape: 506.2mm X 471.8mm X 248.8mm (Net)		
	Gross: 525mm X 640mm X 320mm		
Weights	Net: 11.0Kg		
	Gross: 16.5Kg		
Adjustment ability			
Height	0~110mm		
Rotation	90° (Landscape or Portrait)		
Tilt	-3°/ +15°		
Swivel	-20°/ +20°		
Environmental Consideration			
Operating	Temperature: 0°C to 40°C / 32°F to 104°F		
	Humidity: 10% to 80%		
	Atmospheric pressure Range : 700hPa to 1060hPa		
Storage	Temperature: -20°C to 60°C / -40°F to 140°F		
	Humidity: 5% to 95%		
	Atmospheric pressure Range : 500hPa to 1060hPa		
Regulatory			
Approvals	UL60601-1 / EN60601-1 / IEC601-1s B		
	CE, VCCI, KCC, C-Tick		

Power Management

This Power Management System helps you to save energy by switching your monitor into a low-power consumption mode when it has not been used for a certain period of time. Power Management System operates with VESA DPMS compliant video card installed in your Workstation.

Canvys highly recommends setting DPMS to activate after 15 minutes of non-usage in order to optimize your displays lifetime and to avoid <u>Image retention damage</u>. We also recommend users:

- Not to leave the same image or viewing frame too long in one position.
- Frequently changing and moving of image and viewing frame will help to avoid Image retention (also called "Image Sticky"). Image retention is a phenomenon inherent to TFT LCD displays technology itself, and as such, the occurrence of this "ghosting" effect is considered normal operation by the LCD glass manufacturer. As a result, Canvys is not responsible for this damage and does not warrant any displays against the occurrence of Image Sticking. We strongly advise that you follow the operating recommendations listed above.

Power Management Modes

State	Normal operation	DPMS Standby	DPMS Suspend	DPMS off
Horizontal Sync	Active	Inactive	Active	Inactive
Vertical Sync	Active	Active	Inactive	Inactive
Video	Active	Blanked	Blanked	Blanked
Power Indicator	LED off	Green Flashing (1sec interval)	Green Flashing (1sec interval)	Green Flashing (1sec interval)
Power Consumption	105W	Less than 1W	Less than 1W	Less than 1W

NOTE: This monitor automatically returns to normal operation when horizontal and vertical sync return. This occurs when you move the computer's mouse or press a key on the keyboard.

Contact Information:

Technical Support and Sales - Contact TekLink via:

- TekLink Website at (http://teklink.canvys.com)
- Sales Phone Toll Free at (888) 735-7373 Support - Phone toll Free at (800) 235-2125

Trouble shooting

No picture

- · Make sure that the power cord is completely connected.
- Make sure that the LCD Monitor and computer power switch are on.
- Check the signal cable connector for bent or pushed-in pins.

The display image is too light or too dark.

- Adjust the Brightness or do the factory reset through the Main OSD. Screen is blank and power indicator is blinking every 1 seconds.
- Make sure that the signal cable is completely and firmly connected to the display card or computer.
- Make sure that the display sources or computer is turned on. (See page 22.)
- Make sure that the set of monitor input source is what you expect to see as input.
- Check if the monitor is in the power management mode.

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