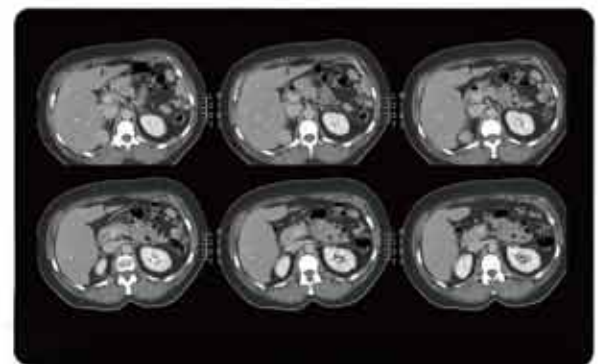




Medical Display

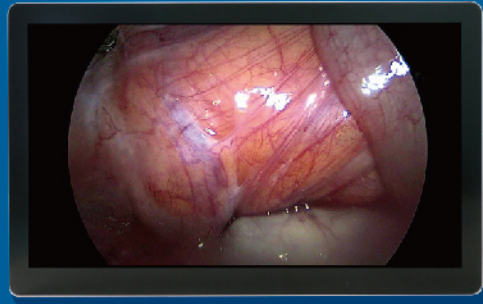
Happy output with reliable ,
friendly and transparent working culture.

APPLICATIONS

1.

Endoscopic Solutions

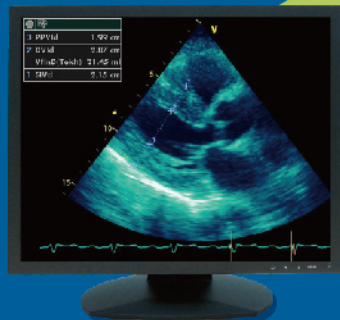
GOOMEDI's high resolution medical displays are designed and certified for endoscopic practices and assure accurate image reproduction.



2.

Ultrasound Solutions

GOOMEDI's medical displays are widely used in a variety of medical applications. Its expertise in high resolution color and greyscale displays makes GOOMEDI's medical display one of the best in ultrasound imaging. The accurate and consistent rendering of greyscales it provides is crucial for diagnostic purpose.



3.

3.

Operating Room Solutions

GOOMEDI offers highest quality medical displays that are fully compliant with DICOM and international standards to ensure accurate and consistent real-time imaging in surgical use.



4.

4.

X-Ray Solutions

You can rely on GOOMEDI's standard or custom solution for modality imaging. GOOMEDI's medical displays can visualize a wide range of analog and digital video sources with ultimate detail.



Endoscopic Solutions

Endoscopic imaging has the highest demand for realistic image reproduction. Every detail matters and needs to be perfect. GOOMEDI is a long term a supplier of various OEM/ODM solutions for the endoscopic displays market. We offer high resolutions such as 1920 x 1080 Full HD solution and 3840 x 2160 4K solution for detail rich images. Goomedi assures accurate image and color reproduction, which can provide color-calibrated and artifact-free images.



Ultrasound Solutions

Ultrasound imaging uses high-frequency sound waves to view inside the body and capture real-time images/ movements of the body's internal organs. Goomedi's medical displays are widely used in a variety of medical applications. Its expertise in high resolution color and greyscale displays makes Goomedi's medical display one of the best in ultrasound imaging. The accurate and consistent rendering of greyscales it provides is crucial for diagnostic purpose.



X-Ray Solutions

X-ray Imaging, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Nuclear Imaging, and Positron Emission Tomography (PET) are all major types of medical imaging modalities. You can rely on Goomedi's standard or custom solution for modality imaging. Goomedi offers displays for modality use with a wide range of analog and digital video sources and timing modes.



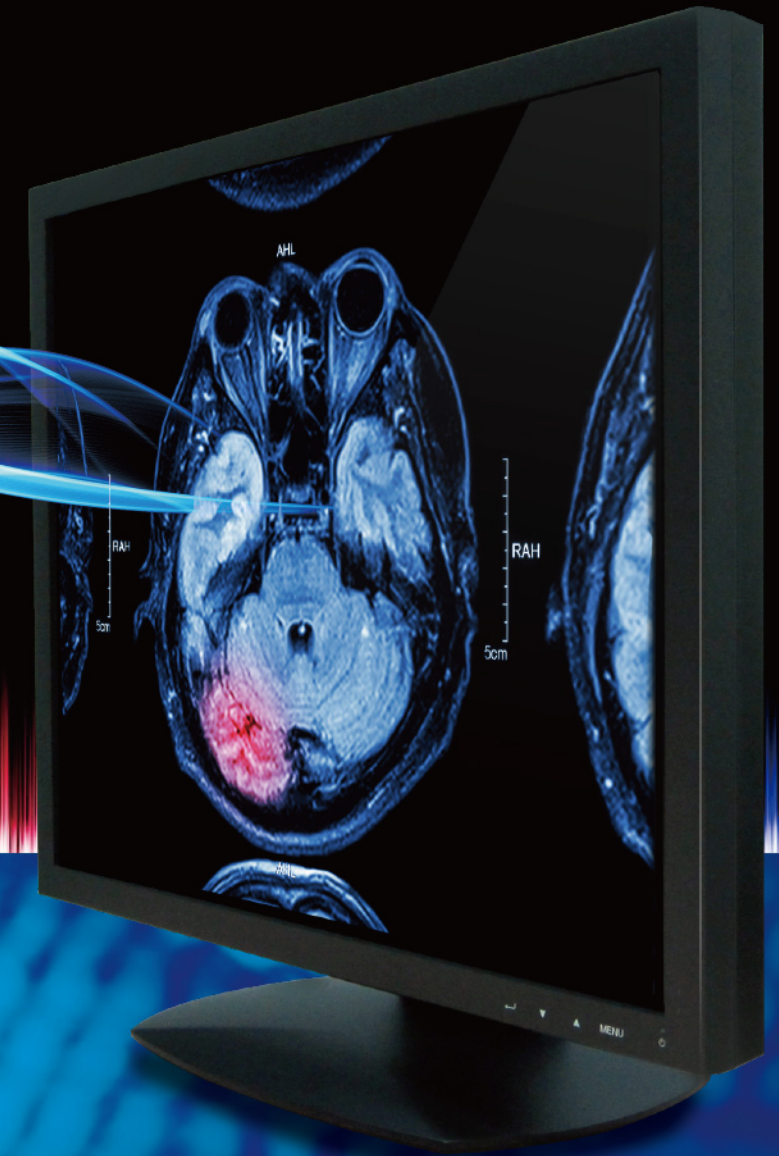
Operating Room Solutions

Surgical displays are integral to Hybrid Operating Room environment. These displays play important roles such as patient vital signs, surgical images, and X-ray images. When they are used in the Operating Room, Goomedi supports the display of images from different modalities at the same time and provides Picture-In-Picture/Picture-By-Picture compatible for the best angle.



Outstanding viewer experience

Unparalleled pixel precision for high-quality medical imaging production



Color-calibrated, artifact-free images

- Up to 12 bit look up table;
- Advanced image processing algorithms for artifact-free video reproduction;
- High Resolution - 1920 x 1080 Full HD Resolution/ 3840 x 2160 4K Resolution;
- Built-in Multiple Display Modes;
- Calibrated for perfect color and grayscale reproduction (ITU 709 and DICOM standards)

High brightness, high contrast ratios and viewing angle compensation techniques

- To ensure image consistency for physicians in varying viewing positions

Fast response time when viewing live video or motion.

Picture-in-Picture

- Supports the display of images from different modalities at the same time.
- Picture-by-Picture compatible.

Anti-reflective or Anti-Glare glass coating





User-friendly functions

Intelligent design with medical use approval



Stand & Wall-mount

- Support standard VESA mount installation compatible with standard booms, wall or cart mounts and can be sanitized within the operating environment.

Perfect mechanism design

- Fan-less design and Easy cable Management allowing hiding of cables in a flexible back cover

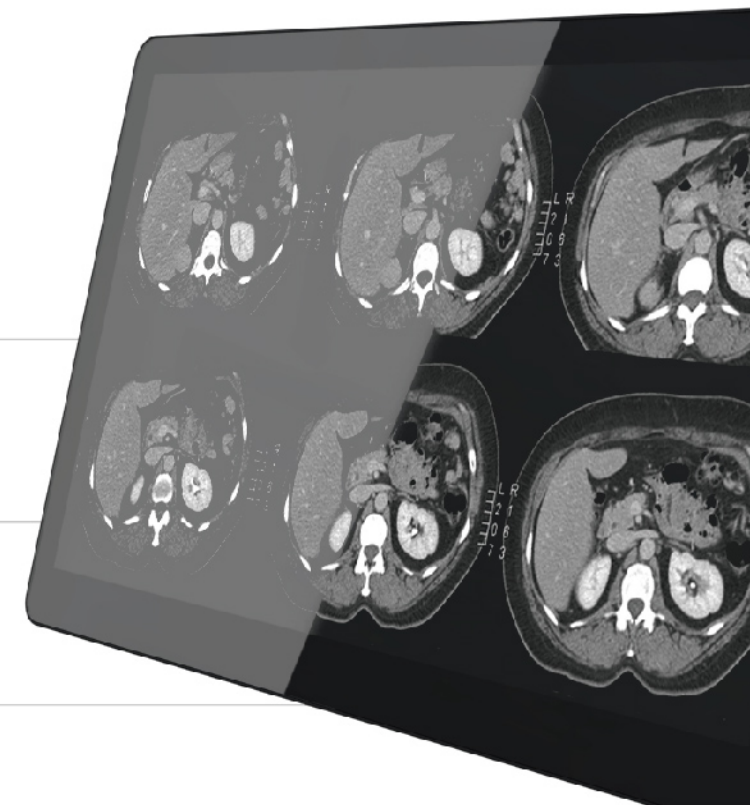


Variety of Video Inputs

- VGA/ DVI/ HDMI/ Display Port/ DVBS/ S Video/ Sync-on-video/H
- Wide range of SD and HD input signals, including 3G-SDI and DisplayPort

Ip65 in front & IPx1 whole unit for most models.

Easy cleaning for complete disinfection



Medical Display

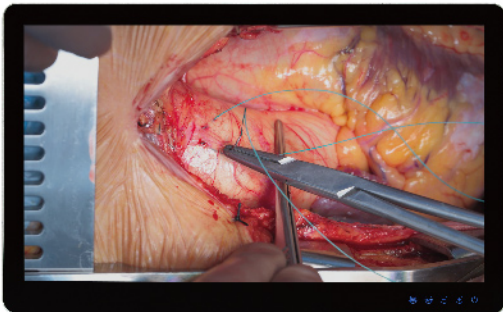


Model name	STAM1911LMA	STAM1911IMA	MSBP2111LMC
Description	19" Medical Display	19" Monochrome Medical Display	21" Medical Display
Product Features	ALS (optional) Calibration mode(optional)	ALS (optional) Calibration mode(optional)	IP65 in front & IPx1 whole unit ALS (optional) Calibration mode(optional) 20 meter DVI/HDMI long cable solution
LCD Size	19"	19"	21.5"
Display Type	SXGA	SXGA	Full HD
Resolution	1280x1024	1280x1024	1920x1080
Luminance	330 Cd/m2	1400 Cd/m2	210 Cd/m2
Contrast ratio	1000:1	900:1	1000:1
Viewing angle	89/89 Deg. Horizontal &Vertical	89/89 Deg. Horizontal &Vertical	89/89 Deg. Horizontal &Vertical
Backlight	LED	LED	LED
TouchType	N/A	N/A	Projective Capacitive
AG Protection Glass	Yes	Yes	Yes
DICOM compliant	Yes	Yes	Yes
Input Interface	2 x DVI, Display Port, VGA CVBS, S-Video Sync-on-video/H/V USB HUB	2 x DVI, Display Port, VGA CVBS, S-Video Sync-on-video/H/V USB HUB	VGA, DVI HDMI, Display Port
Output Interface	Sync-on-video	Sync-on-video	N/A
RS232	Optional	Optional	Optional
Power Type	AC In	AC In	AC In
System Fan	Fanless	Fanless	Fanless
Construction	Plastic	Plastic	Plastic
Dimension	412.4 x 338 x 73 mm	412.4 x 338 x 73 mm	521.07 x 326.07 x 56.5 mm
Weight	4.4 Kgs	4.4 Kgs	5.5 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	10%~90% Relative Humidity, Non-condensing	10%~90% Relative Humidity, Non-condensing	10%~90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms
Mounting	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)
Certification Information	CE(EN60601-1,EN60601-1-12) FCC certified UL/cUL certified cTUVus certified	CE(EN60601-1,EN60601-1-13) FCC certified UL/cUL certified cTUVus certified	CE(EN60601-1,EN60601-1-11) FCC certified UL/cUL certified cTUVus certified
Ordering Information/ Description	STAM1911LMA STAM1911LMA w/o Glass or PCAP	STAM1911IMA STAM1911IMA w/o Glass or PCAP	MSBP2111LMC01 MSBP2111LMC with AG Glass MSBP2111LMC02 MSBP2111LMC with AG PCAP

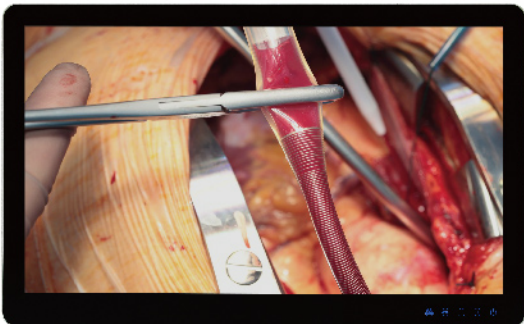
Medical Display



Model name	STAM2415LMC/ STAM2416LMC	MSBP2415LMC/ MSBP2416LMC
Description	24" Medical Display	24" Medical Display
Product Features	IP65 in front & IPx1 whole unit ALS (optional) Calibration mode (optional) PSM Priority Signal Management User modes for different settings PIP &PBP	IP65 in front & IPx1 whole unit ALS (optional) Calibration mode(optional) 20 meter DVI/HDMI long cable solution
LCD Size	24"	24"
Display Type	WUXGA	WUXGA
Resolution	1920x1200	1920x1200
Luminance	800 Cd/m2	800 Cd/m2
Contrast ratio	1000:1	1000:1
Viewing angle	89/89 Deg. Horizontal &Vertical	89/89 Deg. Horizontal &Vertical
Backlight	LED	LED
TouchType	Projective Capacitive	Projective Capacitive
AG Protection Glass	Yes	Yes
DICOM compliant	Yes	Yes
Input Interface	2 x DVI, Display Port, VGA CVBS, S-Video Sync-on-video/H/V USB HUB	VGA DVI HDMI Display Port
Output Interface	Sync-on-video	N/A
RS232	N/A	N/A
Power Type	AC In	AC In
System Fan	Fanless	Fanless
Construction	Plastic	Plastic
Dimension	573.77 x 387.77 x 63.5 mm	573.77 x 387.77 x 63.5 mm
Weight	7.4 Kgs	7.2 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	10%~90% Relative Humidity, Non-condensing	10%~90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms
Mounting	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)
Certification Information	CE(EN60601-1,EN60601-1-7) FCC certified UL/cUL certified cTUVus certified	CE(EN60601-1,EN60601-1-8) FCC certified UL/cUL certified cTUVus certified
Ordering Information/ Description	STAM2415LMC01 STAM2416LMC with AG Glass STAM2415LMC02 STAM2416LMC with AG PCAP	MSBP2415LMC01 MSBP2415LMC with AG Glass MSBP2415LMC02 MSBP2415LMC with AG PCAP

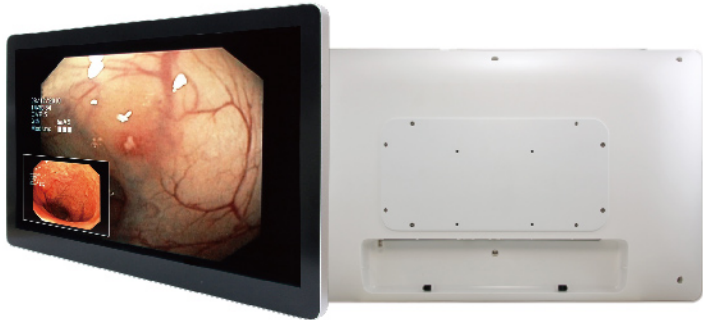


Model name	STAV4221AMA
Description	42" Full HD Medical Display
Product Features	IP65 in front & IPx1 whole unit, ALS (optional), Calibration mode(optional) SDI Solution(optional), Light box mode, PSM Priority Signal Management User modes for different settings, PIP &PBP
LCD Size	42"
Display Type	Full HD
Resolution	1920x1080
Luminance	600 Cd/m2
Contrast ratio	4000:1
Viewing angle	89/89 Deg. Horizontal &Vertical
Backlight	LED
TouchType	Projective Capacitive
AG Protection Glass	Yes
DICOM compliant	Yes
Input Interface	DVI X 2, Display Port, VGA, CVBS, S-Video, YPbPr, USB HUB
Output Interface	CVBS, S-Video, YPbPr
RS232	Yes
Power Type	AC In
System Fan	Fanless
Construction	GM Metal
Dimension	1307 x 630 x 83.5 mm
Weight	26 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	10%~90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms
Mounting	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)
Certification Information	CE(EN60601-1,EN60601-1-5) FCC certified UL/cUL certified cTUVus certified
Ordering Information/ Description	STAV4221AMA01 STAV4221AMA with AG Glass STAV4221AMA02 STAV4221AMA with AG PCAP



Model name	MSAP5521AMA
Description	55" 4K High Resolution Medical Display
Product Features	IP65 in front & IPx1 whole unit, ALS (optional), GPIO Remote control (optional) UHD signals configuration, Full mode: one UHD signal input (DVI or DP) Dual mode: 2 signal inputs PBP or PIP , Quad mode: 4 FHD signal inputs
LCD Size	55"
Display Type	4K
Resolution	3840x2160
Luminance	380 Cd/m2
Contrast ratio	4000:1
Viewing angle	89/89 Deg. Horizontal &Vertical
Backlight	LED
TouchType	Projective Capacitive
AG Protection Glass	Yes
DICOM compliant	Yes
Input Interface	DVI x 4, Display Port x 2, VGA, USB HUB
Output Interface	N/A
RS232	Yes
Power Type	AC In
System Fan	Fanless
Construction	GM Metal
Dimension	1314.6 x 785.4 x 85 mm
Weight	46 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	10%~90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half Sine, 11ms
Mounting	Stand (Optional) VESA Mount kit (Optional) Wall Mount kit (Optional)
Certification Information	CE(EN60601-1,EN60601-1-2) FCC certified UL/cUL certified cTUVus certified
Ordering Information/ Description	MSAP5521AMA01 MSAP5521AMA with AG Glass MSAP5521AMA02 MSAP5521AMA with AG PCAP

All In One Series



Computing System	Chipset	Integrated in Intel® Skylake ULT Processor
	CPU	6 th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor with vPRO support
	Memory	Default 8GB Up to 16GB DDR4 2133 SDRAM
	Graphics Controller	Intel HD Graphics 520
	Trusted Platform Module	Infineon TPM 2.0
Display	Operating System	Windows 7, 8, 8.1, 10, Linux
	Display Size	21.5" Wide Color TFT LCD (16:9) AUO T215HVN01.1
	Max. Resolution (H x V)	1920 x 1080 Full HD
	Pixel Pitch (um)	248.25 x 248.25
	Viewing Angle	178/178°
	Luminance	250cd/m2 (typical)
	Backlight	LED
	LCD MTBF	30,000 hours
	Contract Ratio	3000:1
	Mini PCIe	1 x Full Size (support half size, Auto switch for mSATA, USB, PCIe signal)
Expansion Slot	Mini PCIe	1 x Full Size Mini PCIe slot support PCIe and USB signal on IET module
	Serial Ports	1 x RS-232/422/485, 1 x RS-232 1x RS-232 (Isolated 5KV), 1x RS-232/422/485 (Isolated 5KV) on IET module
I/O Ports	USB Ports	4 x USB3.0, 4 x USB2.0 by pin header 2 x USB2.0 (Isolated 5KV), 1 x USB2.0 by pin header on IET module
	HDMI Port	HDMI Video out on IET module
	Audio	Speakers 2 x 2W, Audio out and Mic in
	Equipotential Terminal Pin	YES
	LAN	1 x Intel® I219LM Gigabit Ethernet 1 x Intel® I211AT Gigabit Ethernet 2 x Intel® I210AT Gigabit Ethernet (Isolated 5KV) on IET module
Storage	HDD/ SSD	2.5" SATA3 128GB SSD
Power Supply	DC Model	AC/ DC medical power adapter (Delta MDS-090AAS24 B)
	Input Voltage	100~240 Vac, 1.5~0.75A, 47~63Hz
	Output Voltage	+24Vdc, 3.75A max. (90W)
Additional Functions	Backup Battery	1100mAh 4S1P supports max. 20 mins backup operation
	NFC/ RFID	USB interface supports ISO 14443-A
	WLAN/ Bluetooth	Mini PCIe interface IEEE 802.11 a/b/g/n/ac draft 2.0 1T1R and BT4.0+BLE
	Reading light bar	LED type
	Web Cam	2.0M CMOS
	Front touch OSD keypad	8 keys - power on/off, brightness up/down, reading light on/off, volume up/down, touch on/off and backlight on/off
Touch Screen or Glass	Glass	95% AR Coating
	Pcap	Projective Capacitive 10-points, 89% AR Coating
	Controller	USB interface, EETI EXC 3188
	Durability	Over 50 Million Touches
IP Rating	Front Panel	IP65
	The whole unit	IPX1
Certifications		UL60601-1/ EN60601-1, CE&FCC Class B Certified
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 ° F)
	Storage Temperature	-20 ~ 60 °C (4 ~ 140 ° F)
	Humidity	0%~90% Relative Humidity, Non-condensing
	Shock Resistance	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half sine, 11ms
	Vibration	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Radom, 5~500Hz, 30min/axis
Physical Characteristics	Construction	Plastic
	Surface	Anti-Microbial Finishing
	Dimensions (W x D x H)	521.0 mm (W) x 326.0 mm (H) x 56.5 mm (D)
	Weight	TBD
Warranty		2 years

All In One Series



Computing System	Chipset	Integrated in Intel® Skylake ULT Processor
	CPU	6 th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor with vPRO support
	Memory	Default 8GB Up to 16GB DDR4 2133 SDRAM
	Graphics Controller	Intel HD Graphics 520
	Trusted Platform Module	Infineon TPM 2.0
Display	Operating System	Windows 7, 8, 8.1, 10, Linux
	Display Size	24" Wide Color TFT LCD (16:10) AUO M240UAN01.0 or equivalent
	Max. Resolution (H x V)	1920 x 1200
	Pixel Pitch (um)	270 x 270
	Viewing Angle	178/178°
	Luminance	300cd/m2 (typical)
	Backlight	LED
	LCD MTBF	30,000 hours
	Contract Ratio	1000:1
	Mini PCIe	1 x Full Size (support half size, Auto switch for mSATA, USB, PCIe signal)
Expansion Slot	Mini PCIe	1 x Full Size Mini PCIe slot support PCIe and USB signal on IET module
	Serial Ports	1 x RS-232/422/485, 1 x RS-232 1x RS-232 (Isolated 5KV), 1x RS-232/422/485 (Isolated 5KV) on IET module
I/O Ports	USB Ports	4 x USB3.0, 4 x USB2.0 by pin header 2 x USB2.0 (Isolated 5KV), 1 x USB2.0 by pin header on IET module
	HDMI Port	HDMI Video out on IET module
	Audio	Speakers 2 x 2W, Audio out and Mic in
	Equipotential Terminal Pin	YES
	LAN	1 x Intel® I219LM Gigabit Ethernet 1 x Intel® I211AT Gigabit Ethernet 2 x Intel® I210AT Gigabit Ethernet (Isolated 5KV) on IET module
Storage	HDD/ SSD	2.5" SATA3 128GB SSD
Power Supply	DC Model	AC/ DC medical power adapter (Delta MDS-090AAS24 B)
	Input Voltage	100~240 Vac, 1.5~0.75A, 47~63Hz
	Output Voltage	+24Vdc, 3.75A max. (90W)
Additional Functions	Backup Battery	1100mAh 4S1P supports max. 20 mins backup operation
	NFC/ RFID	USB interface supports ISO 14443-A
	WLAN/ Bluetooth	Mini PCIe interface IEEE 802.11 a/b/g/n/ac draft 2.0 1T1R and BT4.0+BLE
	Reading light bar	LED type
	Web Cam	2.0M CMOS
	Front touch OSD keypad	8 keys - power on/off, brightness up/down, reading light on/off, volume up/down, touch on/off and backlight on/off
Touch Screen or Glass	Glass	95% AR Coating
	Pcap	Projective Capacitive 10-points, 89% AR Coating
	Controller	USB interface, EETI EXC 3000
	Durability	Over 50 Million Touches
IP Rating	Front Panel	IP65
	The whole unit	IPX1
Certifications		UL60601-1/ EN60601-1, CE&FCC Class B Certified
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 ° F)
	Storage Temperature	-20 ~ 60 °C (4 ~ 140 ° F)
	Humidity	0%~90% Relative Humidity, Non-condensing
	Shock Resistance	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half sine, 11ms
	Vibration	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Radom, 5~500Hz, 30min/axis
Physical Characteristics	Construction	Plastic
	Surface	Anti-Microbial Finishing
	Dimensions (W x D x H)	573.8 mm (W) x 387.8 mm (H) x 62.5 mm (D)
	Weight	TBD
Warranty		2 years

A leading ODM company of
Displays for the niche market.



Hold the control from design to manufacture
the controller boards & display units for specific application.



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