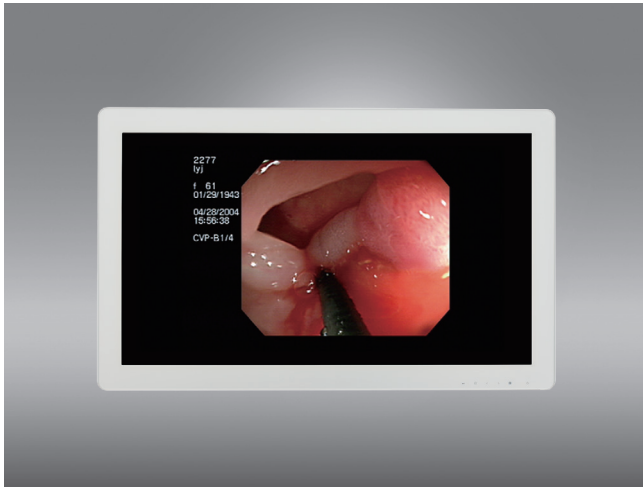


KT-E320F

32" Full HD Surgical Monitor



Features

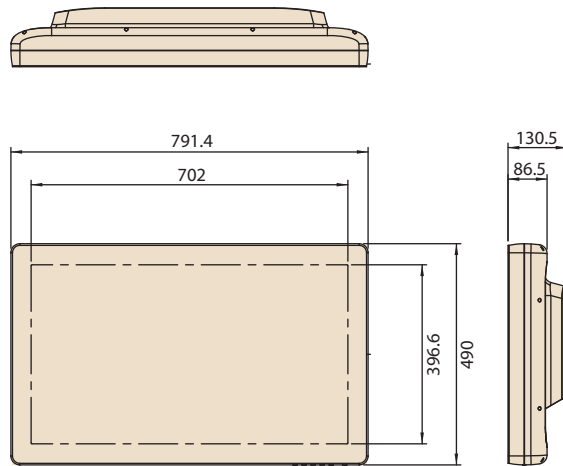
- 32" widescreen with Full HD 1920 x 1080
- High Brightness and High Contrast Ratio
- LED Backlight System
- Multi-Picture display: Normal, PiP, PBP
- 12-bit LUT (Look Up Table) processing
- DICOM Standard GSDF included (DICOM Part 14 Compliant)
- DICOM Clear, Blue mode support
- Variable Gamma and DICOM (Color Temp) mode

Specifications

Display	Screen Size (Active Area)	32" (708.48(H) x 398.52(V) [mm])
	Aspect ratio	16:9
	Number of Pixels	1920(H) x 1080(V)
	Pixel Pitch	0.1845(H) mm x 0.1845(V) [mm]
	Displayable Colors	1.07 billion (10-bit) or 16.7 million (8-bit)
	Brightness (Typical)	1000 cd/m ² or 500 cd/m ²
	Contrast Ratio (Typical)	3,000:1
	Display Mode	AMVA3
	Response Time (Typical)	8ms (Gray to Gray)
	Viewing Angle (H/V)	178/178
Touchscreen	P-CAP (Optional)	
Power	Input	AC 100-240V, 50-60Hz, 6-3A
	Consumption (Typical)	121.29W or 71.84W
Environment	Temperature	Operation: 0 ~ 40° C Storage: -20 ~ 60° C
	Humidity	Operation: Ta = 40° C, 85% RH Storage: MAX 85% RH, Ta = 40° C
	Altitude	Operation: 0 ~ 16,400 feet (5,000m) Storage: 0 ~ 40,000 feet (12,192m)
IP Rating	Front	IP65
	Top	IPX2
Physical Characteristics	Dimension w/o stand	791.4(W) x 490(H) x 130.5(D) mm
	Net Weight w/o stand	11.4 kg
	VESA Mount	200 x 100mm, 100 x 100mm
Features	Grayscale Performance	12-bit LUT (Look Up Table) processing
	DICOM	Standard GSDF included (DICOM Part 14 Compliant) Clear, Blue Mode support
Signals	Input	RS232C Jack x1 for service port, HDMI x1, DVI-D x2, HD-SDI (BNC) x1, RGB (D-sub) x1, RGB (BNC) x1, Component (BNC) x1, S-video x1, Video (BNC) x1
	USB (up/down)	USB2.0 x1/USB2.0 x2
	Output	DVI-D x1, HD-SDI (BNC) x1, RGB (BNC) x1, Component (BNC) x1, S-video x1, Video (BNC) x1
Certifications		CE MDD 93/42/EEC (EN60601-1-2:2006; EN60601-1-2:2007), RoHS II
Warranty		3 years

Dimensions

Unit: mm



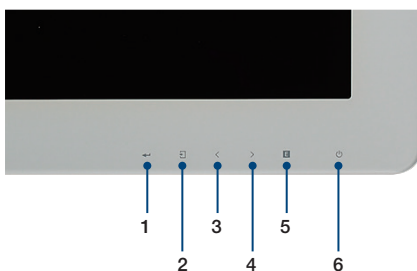
Order Information

Part Number	Resolution	Brightness	Touchscreen
KT-E320FEEXBTF	1920 x 1080	1,000 cd/m ²	No
KT-E320FEEXJTF	1920 x 1080	1,000 cd/m ²	P-CAP
KT-E320FEEQBTF	1920 x 1080	500 cd/m ²	No
KT-E320FEEQJTF	1920 x 1080	500 cd/m ²	P-CAP

Accessories

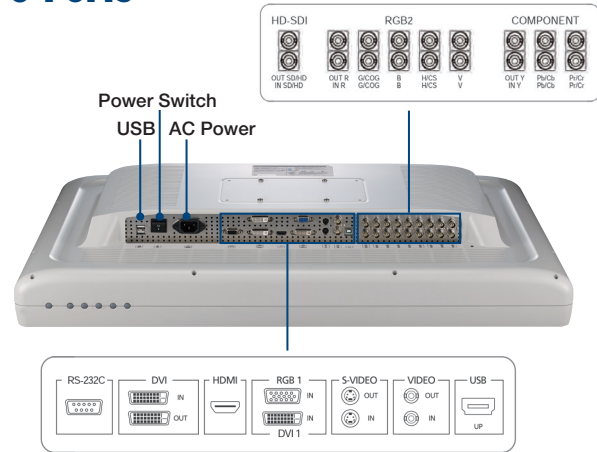
Accessories	Specifications
Standard	Owner's Instruction, Power Cord
Option	Stand, DP Cable, HDMI Cable

Front Function Keys



- (1) Menu Button
- (2) Select Button
- (3) Left Button
- (4) Right Button
- (5) Image Size Button
- (6) Power Button

I/O Ports



I/O Ports		Specifications
RS-232C	D-Sub Jack x 1	Service Port
DVI Input	DVI Jack x 2 (Type D)	Digital RGB: TMDS MAX: 1920 x 1080 / 60 Hz (WUXGA)
DVI Output	DVI Jack x 1 (Type D)	Digital RGB: TMDS MAX: 1920 x 1080 / 60 Hz (WUXGA)
HDMI Input	HDMI Jack x 1 (Type A)	Digital RGB: TMDS MAX: 1920 x 1080 / 60 Hz (WUXGA)
RGB Input	D-Sub Jack x 1 BNC Jack x1	Analog RGB: 0.7V[p-p](75Ω), H/CS/V: TTL (2.2 kΩ), SOG : 1V[p-p] (75Ω) MAX: 1920 x 1080 / 60 Hz (WUXGA)
S-Video Output	Mini DIN Jack x 1 (4 pin)	Y: 1V[p-p] (75 Ω), C: 0.286V[p-p] (75 Ω) [NTSC] Y: 1V[p-p] (75 Ω), C: 0.300V[p-p] (75 Ω) [PAL / SECAM]
S-Video Input	Mini DIN Jack x1 (4 pin)	Y: 1V[p-p] (75 Ω), C: 0.286V[p-p] (75 Ω) [NTSC] Y: 1V[p-p] (75 Ω), C: 0.300V[p-p] (75 Ω) [PAL / SECAM]
Video Output	BNC Jack x 1	1V[p-p] (75 Ω) [NTSC / PAL / SECAM]
Video Input	BNC Jack x 1	1V[p-p] (75 Ω) [NTSC / PAL / SECAM]
USB Up	USB-B Jack x 1	USB 2.0
USB Down	USB-A Jack x 2	USB 2.0
HD-SDI Output	BNC Jack x 1	Serial Output Common Mode : 2.2V[p-p](75Ω) MAX : 1920 x 1080 / 60 Hz
HD-SDI Input	BNC Jack x 1	Serial Input Common Mode: 2.2V[p-p] (75Ω) MAX : 1920 x 1080 / 60 Hz
RGB Output	BNC Jack x 1	Analog RGB: 0.7V[p-p](75Ω), H/CS/V: TTL (2.2 kΩ), SOG : 1V[p-p] (75Ω) MAX: 1920 x 1080 / 60 Hz (WUXGA)
Component Output	BNC Jack x 1	Y: 1V[p-p](75Ω), Pb/Cb: 0.7V[p-p] (75Ω), Pr/Cr:0.7V[p-p](75Ω) 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
Component Input	BNC Jack x 1	Y: 1V[p-p](75Ω), Pb/Cb:0.7V[p-p] (75Ω), Pr/Cr: 0.7V[p-p](75Ω) 480i, 576i, 480p, 576p, 720p, 1080i, 1080p