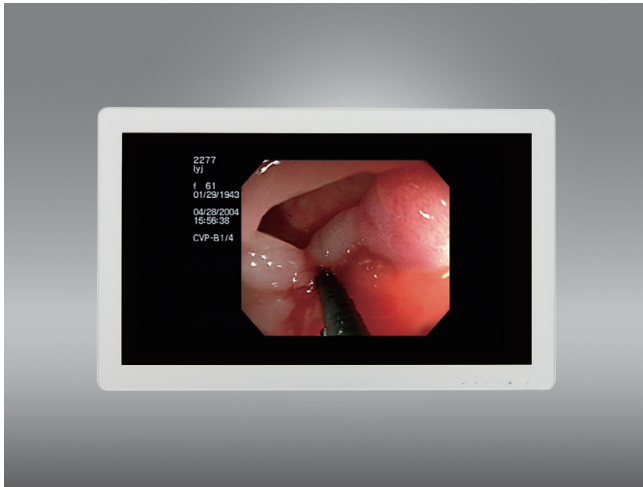


# KT-E320

## 32" Full HD Surgical Monitor



### Features

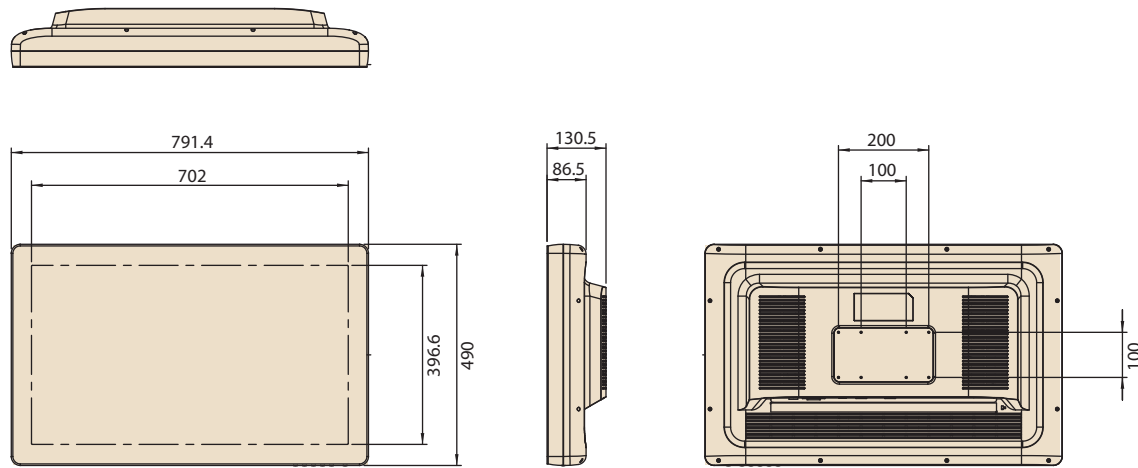
- Wide 32" screen with Full HD 1920x1080 or Ultra HD 4K resolution
- High Brightness and High Contrast Ratio
- Integral Light Emitting Diode(LED) Backlight System
- DP(Display Port 1.2) Support Up to 4K x 2K, 3840 x 2160 @ 60 Hz
- Multi-Picture display : Normal, PiP, PBP, 4P
- 14 Bit LUT(Look Up Table) processing
- DICOM Standard GSDF included (DICOM Part 14 Compliant)
- DICOM Clear, Blue Mode support
- Variable Gamma and DICOM(Color Temp) mode

### Specifications

		KT-E320FEE (2MP)	KT-E320ZLE (8MP)
Display	Screen Size(Active Area)	32" (708.48 (H) x 398.52 (V) [mm])	32" (708.48 (H) x 398.52 (V) [mm])
	Aspect ratio	16 : 9	16 : 9
	Number of Pixels	1920 x 1080	3840(H) x 2160(V)
	Pixel Pitch	0.1845(H) mm x 0.1845(V) [mm]	0.1845(H) mm x 0.1845(V) [mm]
	Displayable Colors	1.07 Billion (10-bit)	1.07 Billion (10-bit)
	Brightness (Typical)	1000 cd/m <sup>2</sup> or 500 cd/m <sup>2</sup>	700 cd/m <sup>2</sup> or 350 cd/m <sup>2</sup>
	Contrast Ratio (Typical)	1,000:1	1,000:1
	Display Mode	AHVA	AHVA
	Response Time (Typical)	12ms (Tr+Tf)	12ms (Tr+Tf)
	Viewing Angle(H/V)	178/178	178/178
Touchscreen	P-CAP (Optional)	P-CAP (Optional)	
Power	Input	AC 100-240V, 50-60HZ, 6-3A	
	Consumption	59.8 W(Typ.)	
Environment	Temperature	-20 ~ 60° C(Storage)	
	Humidity	Ta = 40° C, 85% RH / MAX 85% RH , Ta = 40° C(Operation / Storage)	
	Altitude	0 ~ 16,400 feet(5,000m) / 0 ~ 40,000 feet(12,192m) (Operation / Storage)	
Physical Characteristics	Stand	Tilt / Lift / Swivel / Pivot	
	Dimension w/o stand(mm)	791.4(W) x 490(H) x 130.5(D)	
	Net Weight w/o stand	11.2 Kgs	
Features	Grayscale Performance	14 Bit LUT(Look Up Table) processing	
	DICOM	Standard GSDF included(DICOM Part 14 Compliant) Clear, Blue Mode support	
Signals	Input Terminals	DP 1.2 x1, HDMI 2.0 x1, HDMI 1.4 x4, RGB x1, Audio x1	
	Output Terminals	DP 1.2 x1, Headphone x1	
	USB Up/Down	USB 3.0 x1/USB3.0 x2	
Warranty		3 years	

## Dimensions

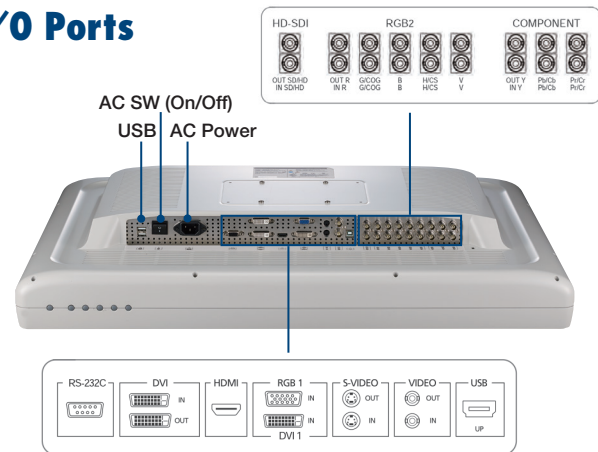
Unit: mm



## Order Information

Part Number	Resolution	Brightness	Touchscreen
KT-E320FEEXBTF	1920 x 1080	1,000 cd/m <sup>2</sup>	No
KT-E320FEEXJTF	1920 x 1080	1,000 cd/m <sup>2</sup>	P-CAP
KT-E320FEEQBTF	1920 x 1080	500 cd/m <sup>2</sup>	No
KT-E320FEEQJTF	1920 x 1080	500 cd/m <sup>2</sup>	P-CAP
KT-E320ZLEQBTF	3840 x 2160	700 cd/m <sup>2</sup>	No
KT-E320ZLEQJTF	3840 x 2160	700 cd/m <sup>2</sup>	P-CAP
KT-E320ZLEPBTF	3840 x 2160	350 cd/m <sup>2</sup>	No
KT-E320ZLEPJTF	3840 x 2160	350 cd/m <sup>2</sup>	P-CAP

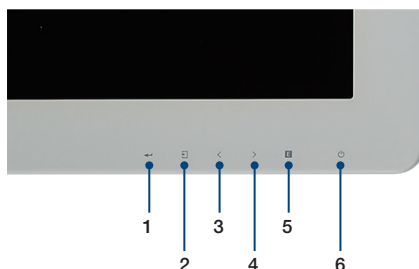
## I/O Ports



## Accessories

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

## Front Function Keys



- (1) Menu/Enter Button
- (2) Input/Exit Button
- (3) Left Button
- (4) Right Button
- (5) PIP Button
- (6) Power Button

I/O Ports		Specifications
DP 1.2 Input	DP Jack x 1	DisplayPort 1.2 MAX : 3840 x 2160 / 60 Hz
HDMI 2.0 Input	HDMI Jack x 1 (Type A)	Digital RGB : TMDS MAX : 3840 x 2160 / 60 Hz
HDMI 1.4 Input	HDMI Jack x 4 (Type A)	Digital RGB : TMDS MAX : 3840 x 2160 / 30 Hz
RGB Input	D-Sub Jack x 1	Analog RGB : 0.7V[p-p](75Ω), MAX : 1920 x 1080 / 60 Hz
DP 1.2 Output	DP Jack x 1	DP(1.2) MST or Daisy chain x1
Audio Input	Ear Jack x 1	Audio Input Stereo L/R
Headphone Output	Ear Jack x 1	Audio Output Stereo L/R
USB Up	USB-B Jack x 1	USB 3.0
USB Down	USB-A Jack x 2	USB 3.0