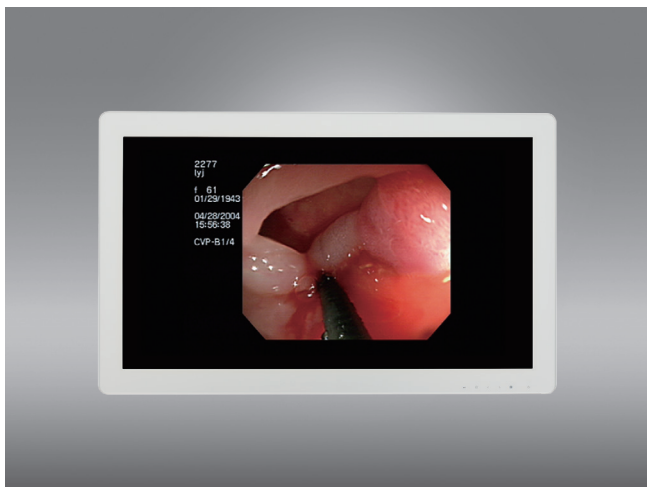


# KT-E320Z

## 32" Ultra HD Surgical Monitor



### Features

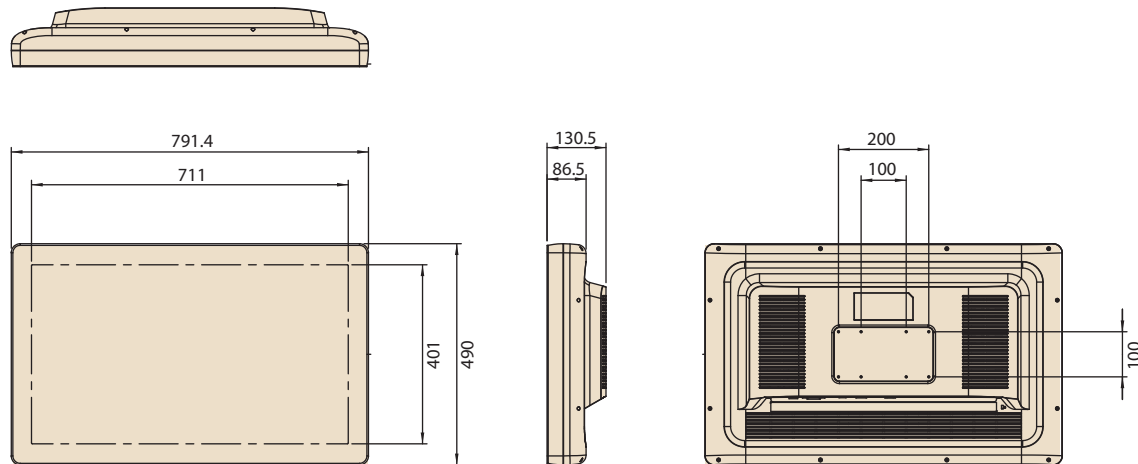
- 32" widescreen with Ultra HD 4K resolution
- High Brightness and High Contrast Ratio
- LED Backlight System
- Multi-Picture display: Normal, PiP, PBP, 4P
- 14-bit LUT (Look Up Table) processing
- DICOM Standard GSDF included (DICOM Part 14 Compliant)
- DICOM Clear, Blue Mode support
- Variable Gamma and DICOM (Color Temp) mode

### Specifications

Display	Screen Size (Active Area)	32" (708.48(H) x 398.52(V) [mm])
	Aspect ratio	16:9
	Number of Pixels	3840(H) x 2160(V)
	Pixel Pitch	0.1845(H) mm x 0.1845(V) [mm]
	Displayable Colors	1.07 billion (10-bit)
	Brightness (Typical)	700 cd/m <sup>2</sup> or 350 cd/m <sup>2</sup>
	Contrast Ratio (Typical)	1,000:1
	Display Mode	AHVA or AMVA
	Response Time (Typical)	12ms (Gray to Gray)
	Viewing Angle (H/V)	178/178
Touchscreen	P-CAP (Optional)	
Power	Input	AC 100-240V, 50-60Hz, 6-3A
	Consumption	105.8W or 59.8W
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	11.2 kg
	VESA Mount	200 x 100mm, 100 x 100mm
Features	Grayscale Performance	14-bit LUT (Look Up Table) processing
	DICOM	Standard GSDF included (DICOM Part 14 Compliant) Clear, Blue Mode support
Signals	Input	DisplayPort(1.2) x1, HDMI(1.4) x4, HDMI(2.0) x1, RGB x1, Audio x1
	Option	4K(HD, 3G, 6G) SDI(BNC) x1
	Output	DP(1.2) MST or Daisy chain x1, Audio x1
	USB (up/down)	USB2.0 x1/USB2.0 x2
Certifications		CE MDD 93/42/EEC (EN60601-1:2006; EN60601-1-2:2007), RoHS II
Warranty		3 years

## Dimensions

Unit: mm



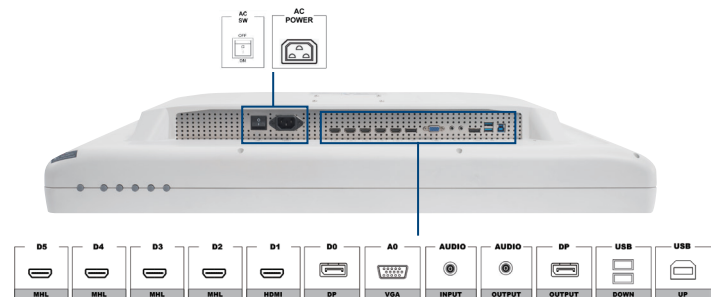
## Order Information

Part Number	Resolution	Brightness	Touchscreen
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

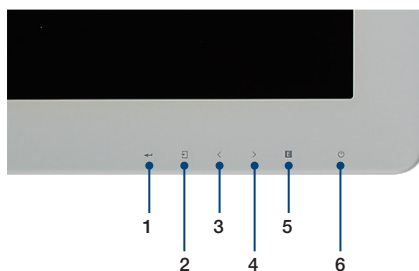
## Accessories

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

## I/O Ports



## Front Function Keys



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

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