



4MP KT-R270HBE
27" QHD Color Monitor



2MP KT-R270FBE
27" Full HD Color Monitor



2MP KT-R240FEE
24" Color Monitor



1MP KT-R190S4E
19" Color Monitor

Model		KT-R270HBE	KT-R270FBE	KT-R240FEE	KT-R190S4E
Model Extension		-	-	-	-
LCD	Size	27-inch	27-inch	24-inch	19-inch
	Type	Color TFT LCD	Color TFT LCD	Color TFT LCD	Color TFT LCD
	Display Mode	AH-IPS	S-IPS	AH-IPS	IPS
	Backlight	LED	LED	LED	LED
	Color Depth	10-bit 1.07billion Colors	8-bit 16.7million Colors	10-bit 1.07billion Colors	8-bit 16.7million Colors
	Display Area	596.74(H) mm x 335.66(V) mm	597.888(H) mm x 336.312(V) mm	518.4(H) mm x 324(V) mm	376.32(H) mm x 301.06(V) mm
	Resolution	2560(H) x 1440(V) pixels	1920(H) x 1080(V) pixels	1920(H) x 1200(V) pixels	1280(H) x 1024(V) pixels
	Aspect Ratio	16 : 9	16 : 9	16 : 10	5 : 4
	Pixel Pitch	0.2331(H) mm x 0.2331(V) mm	0.3114(H) mm x 0.3114(V) mm	0.270(H) mm x 0.270(V) mm	0.294(H) mm x 0.294(V) mm
	Contrast Ratio (Typ.)	1000 : 1 (Typ.)	1,000 : 1 (Typ.)	1000 : 1 (Typ.)	900 : 1 (Typ.)
	Native Luminance (Typ.)	350 (cd/m ²)	250 (cd/m ²)	350(c/d/m ²)	330 (cd/m ²)
	Calibrated Luminance	300 (cd/m ²) or custom	200 (cd/m ²) or custom	300 (cd/m ²) or custom	300 (cd/m ²) or custom
	Viewing Angle (Typ.)	178(H) / 178(V)	178(H) / 178(V)	178(H) / 178(V)	178(H) / 178(V)
	Response Time	6ms (Tr+Tf) (Typ.)	8ms (Tr+Tf) (Typ.)	6ms (Tr+Tf) (Typ.)	18ms (Tr+Tf) (Typ.)
Signals	Input Terminals	DisplayPort(1.2) x1, HDMI x1, DVI-D x2, Component (BNC) x1, RGB (D-Sub) x1, RGB (BNC) x1, FIBER (optional) x1	DisplayPort(1.2) x1, HDMI x1, DVI-D x2, Component (BNC) x1, RGB (D-Sub) x1, RGB (BNC) x1, FIBER (optional) x1	HDMI x1, DVI-D x2, RGB x1, S-Video x1, Video (BNC) x1	HDMI x1, DVI-D x2, RGB x1, S-Video x1, Video (BNC) x1
	Output Terminals	DVI-D x2, RGB (D-Sub) x1, RGB (BNC) x1, Component (BNC) x1	DVI-D x2, RGB (D-Sub) x1, RGB (BNC) x1, Component (BNC) x1	DVI-D x1, S-Video x 1, Video (BNC) x 1	S-video x 1, Video (BNC) x1
USB	USB Ports	-	-	USB2.0 upstream x1, downstream x2	USB2.0 upstream x1, downstream x2
Power	Input	DC24V 6.25A (MAX)	DC24V, 6.25A (MAX)	DC 24V 6.25A Max.	DC 12V 7A Max.
	Consumption	75.5W (Typ.)	37.4W (Typ.)	56.2W (Typ.)	34.7W (Typ.)
Features	Grayscale Performance	14-bit LUT 16,384 shades	14-bit LUT 16,384 shades	12-bit LUT 4,096 shades	12-bit LUT 4,096 shades
	Sensors	Backlight Sensor	Backlight Sensor	Backlight Sensor	Backlight Sensor
	Touch Screen	-	-	Option (P-cap touch)	-
	Protection	Option (AR-coated Glass)	Option (AR-coated Glass)	Option (AR-coated Glass)	Option (AR-coated Glass)
	Ingress Protection Rating	IPX5 (Front) / IPX2 (Top)	IPX5 (Front) / IPX2 (Top)	IPX5 (Front) / IPX2 (Top)	-
Physical	Stand	Tilt / Lift / Swivel / Pivot	Tilt / Lift / Swivel / Pivot	Tilt / Lift / Swivel / Pivot	Tilt / Lift / Swivel / Pivot
	Cabinet Colors	Dark Gray	Dark Gray	Dark Gray	Dark Gray
	Dimension w/ stand (mm)	660(H) x 421(V) x 220(W)	660(H) x 421(V) x 220(W)	570(H) x 420(V) x 220(W)	449(H) x 367(V) x 220(W)
	Dimension w/o stand(mm)	660(H) x 421(V) x 86(W)	660(H) x 421(V) x 86(W)	575(H) x 381(V) x 102(W)	449(H) x 347(V) x 80.5(W)
	Net Weight w/ stand	11.12 Kgs	12.02 Kgs	9.52 Kgs	6.38 Kgs
	Net Weight w/o stand	8.12 Kgs	9.02 Kgs	6.52 Kgs	3.38 Kgs
	VESA standard	100mm x 100mm	100mm x 100mm	100mm x 100mm	100mm x 100mm
Environment	Temperature (Operation / Storage)	0~40°C / -20~60°C	0~40°C / -20~60°C	0~40°C / -20~60°C	0~40°C / -20~60°C
	Humidity (Operation / Storage)	Max 90% / Max 70%	Max 90% / Max 70%	Max 90% / Max 70%	Max 90% / Max 70%
Regulations	FDA 510(k)	-	-	-	-
	Certifications	CE MDD 93/42/EEC (EN60601-1:2006; EN60601-1-2: 2007), FCC CLASS A, UL, KC, VCCI CLASS A, RoHS II	CE MDD 93/42/EEC (EN60601-1:2006; EN60601-1-2: 2007), FCC CLASS A, UL, KC, VCCI CLASS A, RoHS II	CE MDD 93/42/EEC (EN60601-1:2006; EN60601-1-2: 2007), FCC CLASS A, UL, KC, VCCI CLASS A, CB, RoHS II	CE MDD 93/42/EEC (EN60601-1:2006; EN60601-1-2: 2007), FCC CLASS A, UL, KC, VCCI CLASS A, RoHS II
Accessories		AC adapter, Power cord, DVI cable, User Manual, Warranty Certificate	AC adapter, Power cord, DVI cable, User Manual, Warranty Certificate	AC adapter, Power cord, DVI cable, User Manual, Warranty Certificate	AC adapter, Power cord, DVI cable, User Manual, Warranty Certificate
Warranty		3 years	3 years	3 years	3 years
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