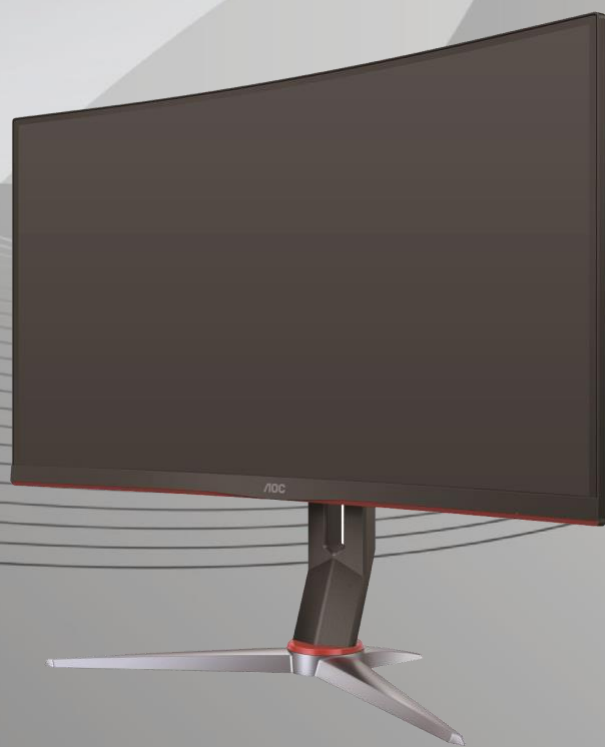


AOC

LCD Monitor User Manual

C32G3 LED backlight



HDMI[®]

General Specification

Panel	Model name	C32G_3X		
	Driving system	TFT Color LCD		
	Viewable Image Size	80.1 cm diagonal		
	Pixel pitch	0.36375mm(H) x 0.36375mm(V)		
	Video	HDMI Interface & DP Interface		
	Separate Sync.	H/V TTL		
	Display Color	16.7M Colors		
Others	Horizontal scan range	30k-160kHz(D-SUB) 30k-200kHz(HDMI, DP)		
	Horizontal scan Size(Maximum)	698.4mm		
	Vertical scan range	48-144Hz(D-SUB) 48-165Hz(HDMI, DP)		
	Vertical Scan Size(Maximum)	392.85mm		
	Optimal preset resolution	1920x1080@60Hz		
	Max resolution	1920x1080@60Hz(D-SUB) optional 1920x1080@165Hz(HDMI, DP)		
	Plug & Play	VESA DDC2B/CI		
	Input Connector	HDMIx2/DP/VGA		
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, TMDS		
	Output Connector	Earphone out		
	Power Source	100-240V~, 50/60Hz		
	Power Consumption	Typical(default brightness and contrast)	43W	
		Max. (brightness = 100, contrast = 100)	≤55W	
Power saving		≤0.3W		
Physical Characteristics	Connector Type	VGA/HDMI/DP/Earphone out		
	Signal Cable Type	Detachable		
Environmental	Temperature	Operating	0° ~ 40°	
		Non-Operating	-25° ~ 55°	
	Humidity	Operating	10% ~ 85% (non-condensing)	
		Non-Operating	5% ~ 93% (non-condensing)	
	Altitude	Operating	0~ 5000 m (0~ 16404ft)	
		Non-Operating	0~ 12192m (0~ 40000ft)	

Preset Display Modes

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY(kHz)	VERTICAL FREQUENCY(Hz)
VGA	640x480@60Hz	31.469	59.94
VGA	640x480@72Hz	37.861	72.809
VGA	640x480@75Hz	37.5	75
VGA	640x480@100Hz	51.08	99.769
VGA	640x480@120Hz	61.91	119.518
DOS MODE	720x400@70Hz	31.469	70.087
DOS MODE	720x480@60Hz	29.855	59.710
SVGA	800x600@60Hz	37.879	60.317
SVGA	800x600@72Hz	48.077	72.188
SVGA	800x600@75Hz	46.875	75
SVGA	800x600@100Hz	63.684	99.662
SVGA	800x600@120Hz	76.302	119.97
SVGA	832x624@75Hz	49.725	74.551
XGA	1024x768@60Hz	48.363	60.004
XGA	1024x768@70Hz	56.476	70.069
XGA	1024x768@75Hz	60.023	75.029
XGA	1024x768@100Hz	81.577	99.972
XGA	1024x768@120Hz	97.551	119.989
WXGA+	1440x900@60Hz	55.935	59.887
SXGA	1280x1024@60Hz	63.981	60.02
SXGA	1280x1024@75Hz	79.975	75.025
HD	1280x720@60Hz	45	60
HD	1280x1080@60Hz	67.173	59.976
CVT	1680x1050@60Hz	64.674	59.883
Full HD	1920x1080@60Hz	67.5	60
Full HD	1920x1080@100Hz	113.21	99.93
Full HD	1920x1080@120Hz	137.26	119.982
Full HD	1920x1080@144Hz	158.1	144
Full HD	1920x1080@165Hz	183.154	165