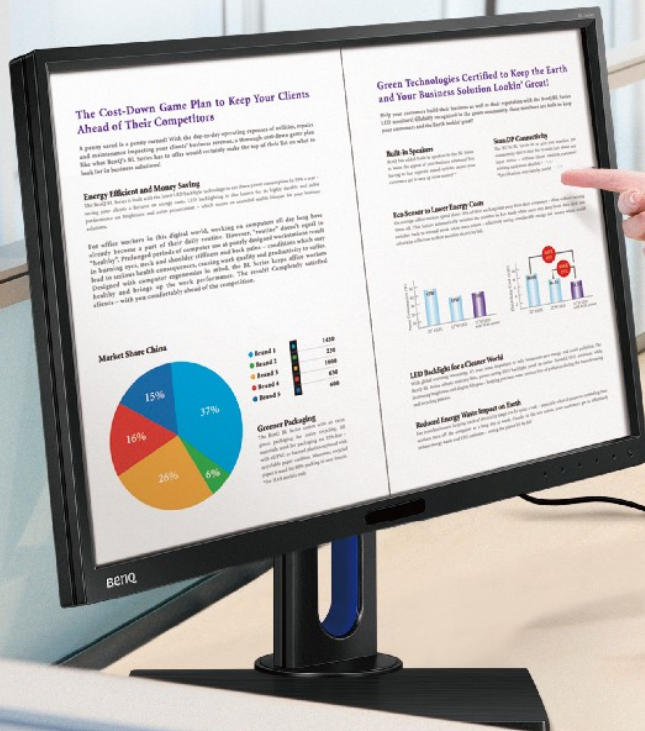


# Designed for Business Professionals



BL2420Z



Featuring 16:9 screen aspect ratio, flicker-free, low blue light technology, and Eye-protect sensor, the BL2420Z is tailor made to meet the exceptional screen performance and superb user experience.



Because it matters



# BenQ LED Monitor BL2420Z



## Low Blue Light

Every Monitor produces a strain of blue spectrum light that is one of the critical causes of eye damage, eye strain, headaches and sleeping disorders. BenQ's unique Low Blue Light technology is designed to deal with the everyday problem of blue light exposure and allows a healthier time spent in front of your computer. Switch to one of the four preset Low Blue Light Modes from OSD hot key (Multimedia – 30% reduction, Web-surfing – 50% reduction, Office – 60% reduction, Reading – 70% reduction), and reward your eyes without having to lose the visual enjoyment.



## Flicker-Free Backlight

The flicker-free technology replaces conventional LED backlight to effectively eliminate flickering at all brightness levels, reducing eye fatigue caused by flickering backlight.



## Eye-Protect Sensor

The Eye-Protect Sensor automatically sets the optimal brightness of the monitor screen by detecting the surrounding ambient light. This helps eliminate eyestrain and optimize the viewing condition all day long.



## Eco Sensor

The Eye-Protect Sensor automatically sets the optimal brightness of the monitor screen by detecting the surrounding ambient light. This helps eliminate eyestrain and optimize the viewing condition all day long.



## Height Adjustment Stand (HAS)

The HAS allows you to find the best viewing angles for personal work or screen sharing with an extensive range of monitor adjustments – height, tilt, pivot, stroke and swivel.

Product Name		BL2420Z
Product Color	Black/non Glossy black	
<b>Panel</b>		
Back Light Unit	LED	
LCD Size (inch)	23.8	
Aspect Ratio	16:9	
Resolution (max.)	1920x1080	
Display Area (mm)	527.04x296.46	
Pixel Pitch (mm)	0.275	
Brightness (typ.)	250 cd/m <sup>2</sup>	
Contrast (typ.)	3000:1	
DCR (Dynamic Contrast Ratio) (typ.)	20M:1	
Panel Type	VA	
Viewing Angle (L/R;U/D) (CR>=10)	178/178	
Response Time	12ms, 7ms(GtG)	
Display Colors	16.7million	
Color Bit	8bits	
Color Gamut	72% NTSC	
<b>Monitor</b>		
Input Hor. Frequency (KHz)	30~83	
Input Ver. Frequency (Hz)	50~ 76	
Video Bandwidth (MHz)	205	
Input/Output Connector	D-sub / DVI / DVI.2 / headphone jack / line in	
Power Supply (90~264 AC)	Built-in	
Power Consumption(Base on Energy star)	23	
Power Consumption(On mode)	42	
Power Consumption(Eco mode)	22	
Power Consumption(Power saving mode)	<0.5W	
Power Consumption (Off mode)	<0.3W	
K Locker	Yes	
Dimensions(HxWxD mm)	H: 524.9 x 563.2 x 239.55 L: 384.9 x 563.2 x 239.55	
Dimensions with Wall Mount (HxWxD mm) (w/o Base)	338.7 x 563.2 x 71.5	
Net Weight (kg)	7	
Gross Weight (kg)	9.2	
<b>Feature</b>		
Sensye3	Sensye 3	
AMA	Yes	
Win7	Yes	
Win8	Yes	
Win8.1	Yes	
Mac Compatible	Yes	
HDCP	Yes	
Color Temperature	Normal (6500°K) / Reddish (5700°K) / Bluish (9300°K) / User Mode	
OSD Language	17 languages	
Speaker	1Wx2	
VESA Wall Mounting	100x100mm	
Pivot 90°	90°	
Swivel (left/right)	45 / 45	
Tilt (°)	-5~20	
Height Adjustment (mm)	140mm	
Auto Pivot	Yes	
Display Pilot	Yes	
Low Blue Light	Yes	
Flicker-free	Yes	
Display Screen Coating	Anti-Glaire	
<b>Included Accessories</b>		
Signal cable	VGA cable(1.5m), USB2.0(1.5m)	

