

2420L 24" LCD Desktop/Wall-Mount Touchmonitor



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The 2420L touchmonitor provides a wide viewing angle similar to the [2020L](#) and is especially well suited for industrial and government applications and interactive digital signage, as well as applications requiring a larger format for enclosed or light restricted areas. For added convenience it can be mounted in portrait mode. The 2420L is ordinarily available with IntelliTouch technology, but CarrollTouch infrared technology is available for special applications.

Features

- Available with [IntelliTouch Surface Wave Technology](#) and USB or serial interface
- High quality panel with 178° total viewing angle
- Built-in USB ports for peripherals
- Ergonomic four-way adjustable (height, pivot, tilt and swivel) stand
- PVA technology for wider viewing angles and higher brightness and contrast
- Desktop base can be removed or reversed for [wall mounting](#) option
- [VESA mounting](#) option
- Sealed touchscreen
- Digital, multilingual on-screen display (OSD)

Specifications

Model	2420L
Availability	Worldwide (In EU/Asia, available on a project basis only)
Case/bezel color	Black
Display	Size: 24" diagonal Type: a-si TFT/PVA Aspect ratio: 16 x 10
Useful screen area	Horizontal: 20.4" (518.1 mm) Vertical: 12.8" (325.1 mm)
Monitor dimensions	Width: 22.06" (560.5 mm) Height (inc. base): 18.1" (460 mm) Height (no base): 14.5" (369 mm) Depth (inc. base): 9.75" (247.85 mm) Depth (no base): 3.6" (91 mm)
Native (optimal) resolution	1920 x 1200
Other supported resolutions	1920 x 1200 at 60 Hz 1600 x 1200 at 60, 65, 70 or 75 Hz 1280 x 1024 at 60 or 75 Hz 1280 x 960 at 60 Hz 1152 x 870 at 75 Hz (Mac) 1152 x 864 at 75 Hz 1024 x 768 at 60, 70 or 75 Hz 832 x 624 at 75 Hz (Mac) 800 x 600 at 56, 60, 72 or 75 Hz 720 x 400 at 70 Hz 640 x 480 at 60, 66 (Mac), 72 or 75 Hz

	640 x 350 at 70 Hz
Colors	16.7 million with dithering
Brightness	LCD panel: 300 cd/m ² (typical) with IntelliTouch: 250 cd/m ² (typical)
Response time	6 msec (typical)
Viewing angle (typical)	Horizontal: 178° total Vertical: 178° total
Contrast ratio	1000:1 (typical)
Pixel pitch	0.270 mm
Input video format	Analog RGB, DVI digital link
Input sync format	Separate H/V, composite H/V, SOG
Input video signal connector	15 pin D-sub DVI-D AV (CVBS) S-video Component 720p/1080i/1080p at 50/60 Hz HDMI 720p/1080i/1080p at 50/60 Hz
Power supply	Type: Internal power supply, 100/240 VAC
Power consumption	130W
Temperature	Operating: 10°C to 40° Storage: -20°C to 45 °C
Humidity	Operating: 10%-80% Storage: 5%-95% noncondensing
Weight (approx.)	Actual: 25 lb (11.4 kg) Shipping: 30 lb (13.6 kg) Shipping box dimensions
Warranty	3 years
Backlight lamp life	50,000 hours
MTBF	50,000 hours
Agency approvals	FCC, CE, UL
Speakers	None
On-screen display (OSD)	Multilingual, digital OSD
Mounting options	100 x 200 mm VESA mount Removable base Wall mounting solutions available via third party purchase Four-way adjustable stand: 2.4" high, pivot, tilt & swivel