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Always check with the manufacturer for the most current data.

2420L 24" LCD Desktop/Wall-Mount Touchmonitor

Features • Specifications • Documentation • Support • Part Numbers • Pricing • Accessories

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)
Optimal (native) 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	**Monitor**: 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

Documentation

- Dimensional drawing: MS200007 Rev A (60K PDF)
- Agency approval certificates available upon request
- Look up RoHS statement of compliance by part number

Support

- Drivers
- Platform support
- Long cables
- Multiple monitor setup (Windows XP example)
- Other technical topics

Part Numbers

All monitors have antiglare surface treatment.

Touch Technology	Touch Interface	Color	Part # (RoHS Compliant)
IntelliTouch	Dual serial/USB	Black	E355118

Pricing

For pricing information, please contact Elo.

Accessories

IntelliTouch Stylus Pen: Stylus pen with rubber tip, designed specifically for use with IntelliTouch surface wave touch technology. Part number D82064-000, available at additional cost.