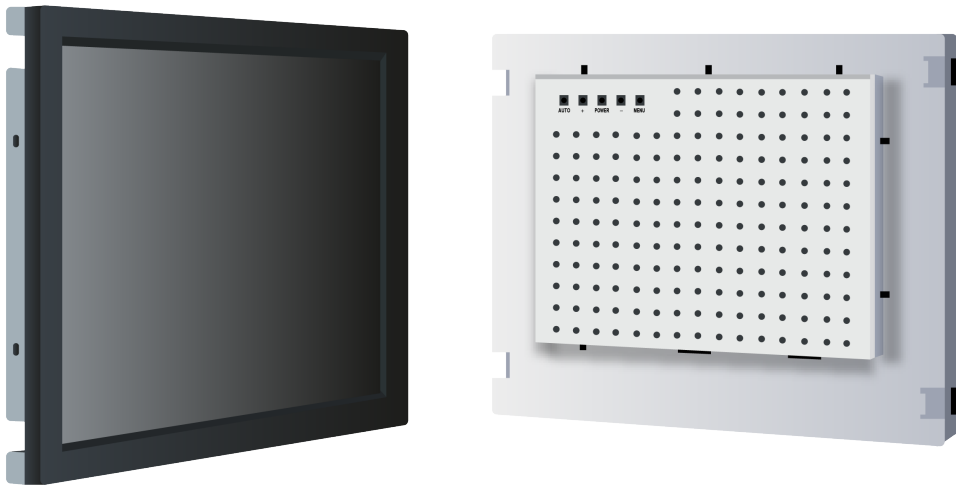


Loud



loud touch monitor specifications

Loud Touch Monitors

Loud Touch Monitors are high quality panels with high brightness, high contrast ratios and broad viewing angles. It features SAW (surface acoustic wave) technology which uses ultrasonic waves that pass over the touchscreen panel. The touchscreen panels are made from glass, ensuring the ultimate in image quality.

Loud monitors are available as:

- 10.4" Classic
- 17" Classic
- 17" Hooligan
- 19" Classic
- 21.5" Classic

The Classic models all feature a 4mm glass touchpanel. The 17" Hooligan model is our vandal-proof model; it is made from 6 mm tempered glass, which is robust enough to withstand the impact of a 1000g steel ball, dropped from the height of one meter.

Loud monitors have multiple mounting options which include:

- rear-mount
- VESA mount, and
- horizontal / vertical bracket mount.

Loud Touch Monitors: Specifications and Models

	10.4" Classic	17" Classic	17" Hooligan	19" Classic	21.5" Classic
Series	Openframe, SAW, Dust-proof	Openframe, SAW, Classic			Dust-proof and Compact
Screen Size	10.4"	17"	17"	19"	21.5"
Display Type	4:3 Ratio Active matrix TFT-LCD				16:9 Ratio Active matrix TFT-LCD LED Backlight
Active Area	211.2 x 158.4 mm	338 x 270 mm		376 x 301 mm	476.64 x 268.11 mm
Monitor Dimensions (w x h x d)	257 x 199 x 45.5 mm (4 mm touchscreen glass)	368 x 306 x 49 mm (4 mm touchscreen glass)	391 x 323 x 53.5 mm (6 mm touchscreen glass)	415 x 343 x 51 mm (4 mm touchscreen glass)	511.7 x 298 x 42.6 mm (4 mm touchscreen glass)
Suggested Resolution	800 x 600 (SVGA)	1280 x 1024			1920 x 1080
Supported Colours	16.2 m	16.7 m	16.2 m	16.7 m	

	10.4" Classic	17" Classic	17" Hooligan	19" Classic	21.5" Classic
Brightness	Pure LCD Panel: 300 cd/m2 With SAW Glass Sensor: 270 c/m2	Pure LCD Panel: 300 cd/m2 With SAW Glass Sensor: 275 cd/m2			Pure LCD Panel: 250 cd/m2 With SAW Glass Sensor: 225 cd/m2
Response Time	30 ms	5 ms		6 ms	16 ms
Viewing Angle	Horizontal: 75° / 75° Vertical: 50° / 60°	Horizontal: 80° / 80° Vertical: 80° / 80°			Horizontal: 89° / 89° Vertical: 89° / 89°
Contrast Ratio	500 : 1	800 : 1	700 : 1	800 : 1	5000 : 1
Video Input	VGA	Dual Analog RGB and DVI	Analog RGB	Dual Analog RGB and DVI	VGA and DVI
Frequency (h x v)	30 – 80 KHz / 60 – 75 Hz				
Power Supply	Type: External Input Voltage: 100 – 240 VAC: 50 – 60 Hz Output Voltage: 12 volts at 1 amps	Type: External Input Voltage: 100 – 240 VAC: 50 – 60 Hz Output Voltage: 12 volts at 4 amps			
Environment	Operating Temp: 0 – 50 °C Storage Temp: -20 – 60 °C Operating RH: 20% – 80% Storage RH: 10% – 90%				Operating Temp: 0 – 50 °C Storage Temp: -20 – 60 °C Operating RH: 5% – 90% Storage RH: 5% – 90%
MTBF	50 000 hours				30 000 hours
LCD Backlight Life	50 000 hours				30 000 hours
Weight	2.25 kg (6.55 kg 2 pcs in one box)	5 kg / 7.8 kg	5 kg / 7.5 kg	6 kg / 8 kg	5.7 kg / 7.8 kg
Power Consumption	15 W maximum	40 W maximum		50 W maximum	24 W maximum
Mount Interface	VESA: 75 mm and 100 mm Mount Bracket: Horizontal or Vertical (Standard mounting brackets included)				
OSD Control	Buttons: Auto, +, Power, -, Menu Functions: Brightness, Contrast Ratio, Auto-Adjust, Phase, Clock, H/V Location, Languages, Function, Reset				
Touchscreen Type	10.4" SAW / Resistive touch screen sensor	17" Touch Monitor Classic model with 4 mm glass	17" Touch Monitor Hooligan (vandal proof) model with 6 mm glass	19" Touch Monitor Classic model with 4 mm glass	21.5" Touch Monitor Classic model with 4 mm glass
Touch Interface	USB Interface	USB and Serial (RS232)			

	10.4" Classic	17" Classic	17" Hooligan	19" Classic	21.5" Classic
Touch Response Time	-	USB: 8.4 ms Serial: 10.4 ms	10 ms	USB: 8.4 ms Serial: 10.4 ms	
Touch Interface	USB interface	USB and Serial (RS232)			
Certificates	CCC, ETL, FCC, CE, RoHS	ETL, FCC, CE, RoHS			CCC, ETL, FCC, CE, RoHS