

42IR1 Touch Screen LCD

Overview:

The 42IR1 is an extremely robust and reliable 42" fully integrated touch screen LCD. Purpose designed for touch and utilising the best touch technology on the market today, the 42IR1 is a versatile and popular solution.

The 42IR1 builds an A-grade LG LCD panel into a robust steel housing. With an impact and scratch-resistant touch screen, it is particularly suited to public locations such as showrooms, museums, and other places where the ability to display high impact, large format and interactive content is required.

Standard Features:

- Completely stable when touched
- Vandal, scratch & cut resistant screen
- A-Grade LG LCD panel
- Easy care cleaning
- Wall mounting bracket
- OSD controls on the side rather than the front
- 1 year warranty on LCD, and 3 years on touch screen.

Options:

- Serial touch input (Standard is USB)
- Multi touch for cutting edge functionality

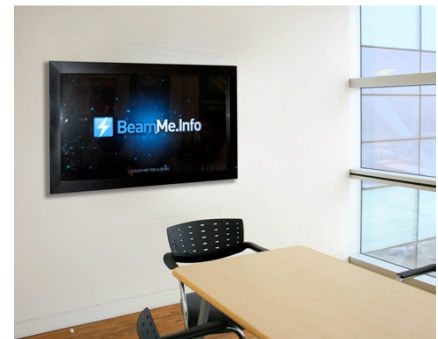
Touch Technology:

The 42IR1 utilises infrared touch technology, the best touch technology on the market today. Infrared touch technology has the following benefits:

- Accepts input from any pointing device including fingers, gloves, pens etc. Other touch technologies may only work with a stylus or finger and may not accept input from gloved fingers, pens etc.
- The touch does not drift so that there is never a need for recalibration, making deploying the m extremely efficient over time. Other touch technologies may require the frustrating and costly process of regular recalibration.
- The screen does not have the additional layer of clear film which causes loss of clarity in other touch technologies. This makes it particularly clear and pleasant to use and enables the best presentation of high end images.
- Only a light beam is interrupted when the screen is touched, so there is no wear and tear through use. Other technologies may be abraded and worn out over time, and can be easily vandalised or accidentally damaged.

Applications:

- Interactive digital signage
- Industrial applications
- Interactive product portfolios
- Museums
- Showroom and general displays
- Seminar rooms
- Conference rooms
- Training rooms



42IR1 Specifications

LCD Panel	Size & Aspect Ratio	42.02" (Diagonal) 930.25mm(H) x 523.01mm(V), 16:9
	Max Colour	16.77 M(8 bit)
	Resolution	1,366(H) x 768(V) Pixel (WXGA)
	Pixel Pitch	0.227mm x 0.681mm x RGB
	Contrast Ratio	1,600:1
	Brightness	500 cd/m ²
	Viewing (R/L/U/D)	88°/88°/88°/88°
	Total Audio	No speakers (audio in/out only)
Input	HDMI	HDMI 19 Pin (Type A) x 2 Digital RGB:TMD5 HDMI ver 1.0 Compliance Digital Video: RGB4:4:4, Ycbr 4:2:2 Digital Audio PCM48Khz 480p, 576p, 720p, 1080i 50/60Hz
	PC (RGB)	D-Sub 15-Pin x 1 RGB:0.7v[p-p](75Ω), H/CS/V:TTL(2.2K Ω) SOG:1V[p-p](75Ω),up to 1600x1200/60Hz Audio: 0.5V[rms] (L/R)
	Audio Input	RCA-Jack 2Pin x 1, L&R Stereo Sound In (0.5Vrms), use for PC (RGB) Mode
	Y/C In	Video: 1V[p-p] (75Ω) Audio: 0.5[rms](L/R) Y:1V[p-p](75Ω), C:0.3V[p-p] (75 Ω)
	AV & S-Video Input	Video:1V[p-p](75 Ω) Audio: 0.5V[rms](L/R) Y:1V[p-p](75 Ω), C:0.3V[p-p](75 Ω)
	Component (Y/Pb/Pr) Audio In	RCA-Jack 5 Pin x 1, Y:1V[p-p](75 Ω), Pb/Cb:0.7V[p-p](75 Ω) Pr/Cr:0.7V [p-p](75 Ω) Audio: 0.5[rms](L/R) SDTV:576i, 480i, 576p, 480p HDTV:720p, 1080i
	SCART AV Input	SCART 21-Pin (Full x 1, Half x 1) Video:1V[p-p](75 Ω) Y:1V[p-p](75 Ω) C:0.3V[p-p](75 Ω) RGB:0.7V[p-p](75 Ω) Audio:0.5V[rms](L/R)
Output	Aspect ratio control	Auto wide/Wide/Panarama/Zoom/4:3/14:9
	OSD Languages	English/German/French/Italian/Dutch/Spanish/Portuguese/Slovenian – Optional
Power	Source	AC 100 – 240V / 50, 60Hz
	Consumption	St-by, 5W, Typical: 150W
Other	Warranty	1 Year on LCD and 3 years on touch components

- Note: All specifications are subject to change.