



Interactive multi-touch screen with *Tilt-2-Table*™ technology

Product highlights:

- UHD 4K native resolution (3840 x 2160px)
- 55" (Actual) interactive and viewable area
- IR multi-touch responsive (10 points)
- Finger-touch electric trolley height adjustment
- Can be used as a table for group collaboration

Features:

- Damage resistant 4mm tempered glass
- Commercial grade display
- Ultra HD (4K) & Full HD capable architecture
- Wizteach 5 user license
- DisplayNote - Presenter to 5 participant license
- Integrated OPS PC slot (OPS PC sold separately)
- 4 year on-site warranty (Screen)
- 1 year on-site warranty (Trolley)
- Low reflection, high contrast direct optical bonding
- LG brand, superior edge-let IPS display
- Plug and play installation
- Includes a computer shelf
- Windows 8 touch sensor certification
- Mobile interactive solution for varying height requirements



REQUIRES



ASSEMBLY

System Specifications

Detection method	IR or Optical Image Sensor (4 sensors)
Touch tool / reaction	Hand or other solid object
Accuracy	± 3mm
Response time	< 20ms
Read speed	< 15ms (66 update/s)
Interface	USB 1.1 (full speed) HID compliant, PNP
Supported OS	Windows XP / Vista / 7 / 8 / MAC
Writing & Saving S/W	EduPro pen
Pressure resolution of electromagnetic pen	Optional
Front Glass	Tempered glass
Overall dimensions (W x H x D)	133.5 x 850 x 100mm
VESA mount	600 (H) x 400 (V) mm, M8 screw
Weight	Approx. 56Kg

LED Panel Specifications

Screen size	55" diagonal
Panel resolution	QWUXGA (3840 x 2160)
Brightness (average)	450cd/m ²
Display colours (approx.)	10bit(D), 1.06 billion colours
Contrast ratio	1400:1
Aspect ration	16:9
Viewing angle (H/V)	178° H x 178° V (CR > 10)
Active screen size	54.64 inches (1378.8 mm) diagonal
Back light unit	Edge type LED
Response time	5 ms (gray to gray, avg)

Environmental Ratings

Storage temperature	-20°C ~ +60°C
Operating Temperature	0°C ~ +40°C
Power Supply voltage	AC100 - 240V, 50/60Hz
Power consumption	Type 140W

Input / Output

Video	Display format	Auto / 16:9 / 4:3
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Input / Output (continued)

Video	Picture status memory	5 modes
	Colour status	4 modes
Sound	Output (RMS)	Q Max. 10W x 2 channels
	Sound system	Stereo
	Equalizer	5 band
	Sound status memory	5 modes
	Balance	Yes
Terminals	PC-RGB	1 (D-SUB 15P)
	PC-Audio	1 (0.35 JACK)
	HDMI	3 (HDMI 1.3 / HDCP1.1/DVI1.0 Compatible)
	Display Port	1 (HDMI 1.3 / HDCP1.1/DVI1.0 Compatible)
	Ext, Audio Output	1 (03.5 Jack)
	Ext, Speaker output	1 (03.5 Jack L/R)
	RS232C	1 (D-SUB 9P)
	USB (Touch Sensor)	2 (For touch sensor control, Etc)
	Full-Scart or RCA-AV (optional)	1 (SCART 21P)
	CVBS Input/Audio L/R (optional)	1 (RCA JACK)
	Component Video/Audio (optional)	1 (YPbPr), RCA JACK)
	Software update	Yes (Through D-SUB with Jig board)
Others	DPMS mode	D-Sub/HDMI/DP capable
	Clock	Yes
	Sleep timer / auto sleep	Yes (Max 240 min)
	On timer	Yes
	Child lock	Yes
	Off timer	Yes
	Freeze Function	Yes
Resolution	Component (optional)	480i/480P/576N/576P/720P/1080N/1080P
	HDMI, display port	1080P(50Hz/60Hz), 1080i(50Hz/60Hz), 720(50Hz/60Hz), 576(50Hz), 480P(60Hz)
	PC	DOS 720 * 400 (70Hz)
		VGA 640 * 480 (60Hz/72Hz/75Hz)
		SVGA 800 * 600 (56Hz/60Hz/72Hz/75Hz)
		XGA 1024 * 768 (60Hz/70Hz/75Hz)
		SXGA 1280 * 1024 (60Hz)
		WXGA 1280 * 768 (60Hz/75Hz), 1360 * 768 (60Hz/75Hz)

Input / Output (continued)

Resolution	PC	WUXGA	1920 * 1080 (60Hz)
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Trolley

Construction	High quality steel construction, tough and rugged
Colour	Powder coated black
Origin	Australian made
Technology	Low noise electric actuators with safety controllers
Warranty	12 month on site
Overall depth	Trolley only in upright position: 62cm Trolley only in flat position: 76.5cm
Overall width	Trolley only in upright position: 96.5cm Trolley with MTS in upright position: 129cm
Overall height	Trolley only in lowest upright position: 106cm Trolley only in highest upright position: 152cm Trolley only in lowest flat position: 74cm Trolley with MTS in lowest upright position: 121cm Trolley with MTS in highest upright position: 167cm Trolley only in lowest flat position: 82cm
Operating environment	5°C to 40°C
Gross weight	55kgs (cubic weight 174kgs)
Certifications and compliances	EN60335-1, UL962, ADA, ISO (electronics and actuators)
Mounting	Ships with brackets for easy assembly
Power requirements	240V
Connections	Standard Australian power plug

What's in the box

Remote Control + Batteries	x 1
User Manual CD	x 1
Power cable - 1.5 metre	x 1
HDMI - 2 metre	x 1
VGA - 2 metre	x 1
Audio Cable – 2 metre	x 1
USB – 2.0 - 5 metre	x 1
Stylus	x 1