



HDi 84" UHD 4k Commercial LED Multi-touch Screen *-with OPS Slot*

Features:

- UHD 4K native resolution (3840 x 2160px)
- 84" (Actual) Interactive & viewable area
- IR multi-touch responsive (10 points)
- Familiar 'Gesture' touch recognition
- Easy-access front USB media/charging hub

Information:

- Damage resistant 4mm tempered glass
- Commercial grade display
- Ultra HD (4K) & Full HD capable display architecture
- WizTeach 5 User license
- DisplayNote - Presenter to 5 participant license
- Integrated OPS PC slot (OPS PC sold separately)
- 4 year on-site warranty
- Low reflection, high contrast direct optical bonding
- LG brand, superior edge-lit IPS display
- Plug and play installation
- Windows 8 touch sensor certification
- Contemporary slimline profile

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)	1962 x 1148 x 102 mm
Weight	Approx. 97 Kg

LED Panel Specifications

Screen size	84" diagonal
Panel resolution	QWUXGA (3840 x 2160)
Brightness (average)	350cd/m ²
Display colours (approx.)	10bit(D), 1.06 billion colours
Contrast ratio	1600:1
Aspect ratio	16:9
Viewing angle (H/V)	178° H x 178° V (CR > 10)
Active screen size	84.04 inches (2134.62 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 / 10~90% RH (no consideration)
Power Supply voltage	AC100 - 240V, 50/60Hz
Power consumption	150 - 430 W

Input / Output

Video	Display format	Auto / 16:9 / 4:3 / Zoom 1, Zoom 2
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Input / Output (continued)

Video	Picture status memory	4 modes (Contrast, Brightness, Colour, Sharpness)
	Colour status	4 modes (User, Cool, Medium, Warm)
Sound	Output (RMS)	Q Max. 10W x 2 channels
	Sound system	Stereo
	Equalizer	5 band (120Hz, 500Hz, 1.5KHz, 5KHz, 10KHz)
	Sound status memory	5 modes (Standard, Music, Movie, Sports, User)
	Balance	Yes
	Surround	Yes
	Terminals	PC-RGB
PC/DVI-Audio		1 (0.35 JACK)
UHD HDMI		1
FHD HDMI		2 (1ea-MHL supported)
UHD DP		1
DVI-D		1
EXT, Speaker Output		1 (03.5 Jack L/R)
RS232C		3 (D-SUB 9P)
USB (Touch sensor-optional)		2 (For touch sensor control)
Component Video/Audio (optional)		1 (YPbPr), RCA JACK)
Media play USB / Software update		1 / Yes (through USB)
Others		DPMS mode
	OPS	Yes (internal)
	Sleep timer / auto sleep	Yes (Max 240 min)
	Time zone	Yes
	Dimm control (TV only)	6 modes
	Freeze function	Yes
	Auto Bright	Yes
Resolution	Component (optional)	480i/480P/576i/576P/720P/1080i/1080P
	DVI	DTV TIMING: 1080P (50/60Hz), 1080i, 720P (50Hz/60Hz), 576P (50Hz), 480P (60Hz), VESA TIMING: up to 1920 x 1080 @ 60 Hz
	UHD DP/UHD HDMI	4K x 2K @ 30Hz, 1080P(50/60Hz), 1080i, 720P(50Hz/60Hz), 576P (50Hz), 480P (60Hz) VESA TIMING: up to 1920 x 1080 @ 60Hz
	HDMI, display port	1080P(50Hz/60Hz), 1080i(50Hz/60Hz), 720P(50Hz/60Hz), 576P(50Hz), 480P(60Hz)
PC	DOS	720 * 400 (70Hz)
	VGA	640 * 480 (60Hz/72Hz/75Hz)

Input / Output (continued)

Resolution	PC	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)
		WSXGA	1600 * 1200 (60Hz), 1920 * 1080(60Hz)
		WUXGA	1920 * 1080 (60Hz)

Signal Specifications

PC	Sync	Sync H: 30-75KHz v: 56-75Hz
	Video level	0.7Vp-p @ 75ohm
	Mode	Max 1920 x 1080 @ 60Hz
AV	Colour system	PAL/NTSC/SECAM
	Video Level	1Vp-p @ 75ohm
	Audio level	500mV rms
YPbPr	Video level	y:1vp-p @ 75ohm, PbPr:0.7Vp-p @ 75ohm
	Audio level	500mV rms
	Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
HDMI	Video level	Standard TMDS
	Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4k2k

Media Play	Video	MPEG1	MPEG1	Up to 1920 X 1080, 30fps Bitrate: 20Mbps
		MPEG2	MPEG2	
		MPEG4	AVC, MPEG-4 Visual, DivX5, DivX4, DivX3 XviD, MS-MPEG4 V3, MWV3	
		MJPEG	MJPEG	
		JPEG		
	Photo	BMP	The maximum display resolution is 15360 * 8640, the minimum is 100 * 100	
		PNG		
		Audio	AC-3, AAC, MP3, PCM	
	File	Video	.avi, .mpg, .vob, .mp4, .mkv, .flv, .mov	
		Photo	.jpg, .bmp, .png	

What's in the box

Remote Control + Batteries	x 1
User Manual CD	x 1

What's in the box (continued)

Power cable - 1.5 metre	x 1
HDMI -t 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