

- ORION used different AD board for OLS-8410/20NL and OLSK-8412/24NL .  
That's why we have different input image resolution and output port .

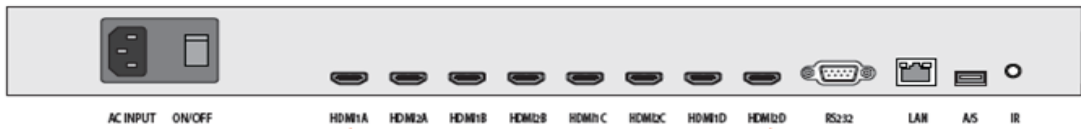
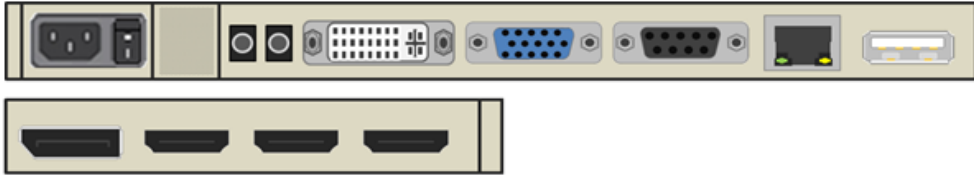
## 1. General Information

Model Name		OLS-8410NL	OLS-8420NL	OLSK-8414NL	OLSK-8424NL
Manufacture		LG			
Back Light Unit Type		Direct LED			
Module Dimension(Typ.±1.0mm)		1904.0 x 1096.0			
Active Display Area		1860.48(H) x 1046.52(V) mm			
Number of Pixels		3,840(H) x 2,160(V) (16:9)			
Display Colors		16.7million colors (8bits)		1.06 Billion (10bits)	
Pixel Pitch(Typ. mm)		0.4845 x 0.4845			
Luminance of White(Typ.)		350 cd/m2	500 cd/m2	350 cd/m2	500 cd/m2
Contrast Ratio(Typ.)		1,600 : 1	1,400 : 1	1,600 : 1	1,400 : 1
Operating Life Tme(Typ.)		50,000Hrs (Ta : 25±2°C)			
Input Signal	Support Resolution	VGA, SVGA, XGA, SXGA, UXGA, WXGA, Quad HD/4k, 480p,576p,720p(50/60),1080p(50/60)		720P/1080i/1080p/UHD(24p/25p/30p)	
	HDCP	Support			
	Frequency	H : 31.5 ~ 75kHz, V : 50/60 Hz		H : 20~82 kHz, V : 55 ~ 90 Hz, 3840x2160@30Hz	
Input Terminal		HDMI x 8, RS-232C x 1, LAN x1, A/S x 1, IR x 1		DP x 1, HDMI x3, DVI x 1, PC x 1, RS-232C x 1, LAN x1, IR x 1,USB Media x 1	
Power Consumption	Max	470W			
	Typical	440W			
	Stand-By	0.45W		≤ 0.5 W	
Dimension (W x H x Dmm)		1917x1103x95			
VESA Mounting		600x400			
Orientation		Landscape	Landscape/Portrait	Landscape	Landscape/Portrait
Weights(Kg)		72 ± 0.5 kg			

## 2. Input Specifications

Terminal Name	OLS-8410NL/OLS-8420NL	OLSK-8414NL/OLSK-8424NL
HDMI	HDMI Type A, DVI 1.0, HDMI 1.3a, Female, 8(Q'TY)	HDMI Type A, HDMI1.4, Female, 3(Q'TY), Auto Sleep & Wake up, Support CEC
DP	-	Standard DisplayPort, DP1.1, Female, 1(Q'TY)
DVI	-	DVI-D 24Pin, DVI-I, Female, 1(Q'TY) Auto Sleep & Wake up
PC	-	D-Sub 15Pin, 0.7Vp-p/75ohm, Female, 1(Q'TY), Auto Sleep & Wake up
Audio	-	Stereo Mini Jack 3.5Φ, PC Phone In, Female, 1(Q'TY)
RS-232C	D-Sub (9Pin), - Bidirectional, Baud rate : 9600, 19200, 38400, 115200(Default) Protocol : 8 data bits, 1 stop bit, no parity, Female, 1(Q'TY), Straight Type Not Twist	D-Sub (9Pin)
LAN	RJ45, 10/100 BASE-T, Female, 1(Q'TY)	RJ45, 10/100 BASE-T, Female, 1(Q'TY)
IR	Phone Jack(3.5Φ), Frequency : 455 KHz ± 2 KHz, For remote control	Stereo Mini Jack 3.5Φ, 1(Q'TY), IR Extender Option
A/S	USB Type A, File System : FAT 32 Format , Female, 1(Q'TY), For firmware update	-
USB	-	USB Type A, Media, 1(Q'TY) For firmware update

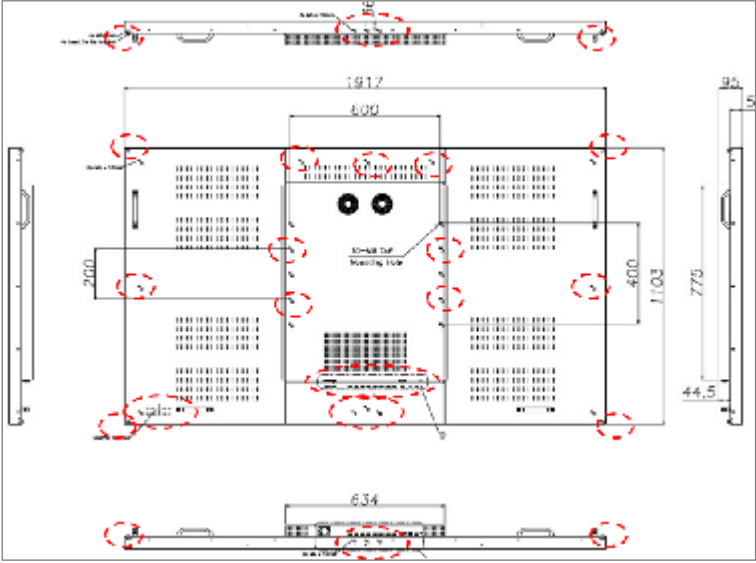
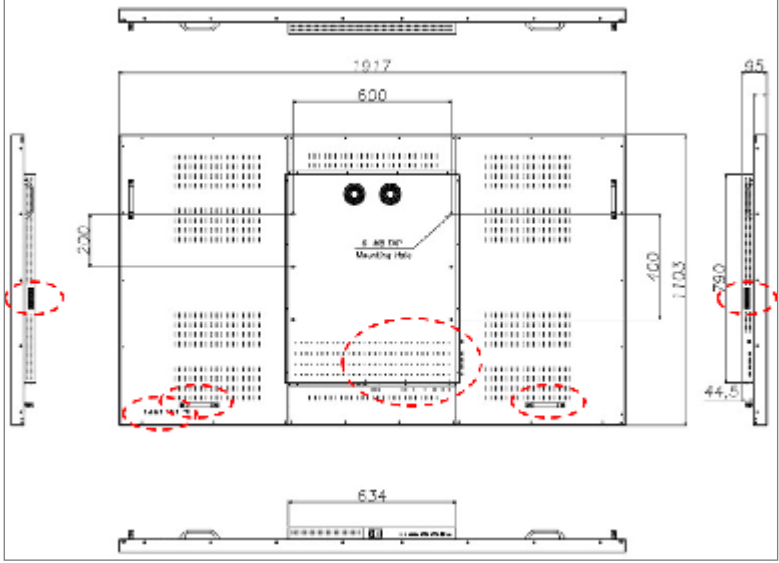
## 3. Input Terminal

<p>OLS-8410NL/ OLS-8420NL</p>	
<p>OLSK-8414NL/ OLSK-8424BL</p>	

## 4. Supported Resolutions

Resolution	Pixe Clock [Mhz]	OLS-8410NL/ OLS-8420NL	OLSK-8414NL/ OLSK-8424NL	Resolution	Pixe Clock [Mhz]	OLS-8410NL/ OLS-8420NL	OLSK-8414NL/ OLSK-8424NL
640*350*70	25.176		O	1280*1024*72	135		O
640*480*60	25.175	O	O	1280*1024*75	135		O
640*480*67	30.24		O	1360*768*50	69	O	
640*480*72	31.5		O	1360*768*60	85.5	O	O
640*480*75	31.5		O	1400*1050*60	121.75	O	
720*400*70	28.321		O	1600*900*50	96.5	O	
800*600*50	30.75	O		1600*900*60	118.25	O	
800*600*56	36		O	1600*1200*50	131.5	O	
800*600*60	40	O	O	1600*1200*60	162	O	
800*600*75	49.5		O	1680*1050*60	146.25		O
1024*576*50	34.75	O		1920*1080*60	138.501		O
1024*576*60	46.5	O		3840*2160*24	297		O
1024*768*60	65	O	O	3840*2160*25	297		O
1024*768*70	75.001		O	3840*2160*30	297		O
1024*768*75	78.75		O	480p	27	O	
1280*768*60	79.5	O	O	576p	27	O	
1280*768*75	102.25		O	720p50	74.25	O	O
1280*960*60	108	O		720p60	74.25	O	O
1280*1024*50	88.5	O		1080p50	148.5	O	O
1280*1024*60	108	O	O	1080p60	148.5	O	O

## 5. Product Drawing & Dimension ( red circles are major change points )

	OLS-8410/8420	OLSK-8414/8424
Mech drawing	 <p>Dimensions: 1917, 800, 600, 1103, 775, 44.5, 30, 5, 200, 634.</p> <p>Labels: 30-UB TOP Mounting Hole.</p>	 <p>Dimensions: 1917, 800, 600, 1103, 400, 200, 65, 44.5, 634.</p> <p>Labels: 30-UB TOP Mounting Hole.</p>
Different	<ul style="list-style-type: none"> <li>- Current supplying model</li> <li>- There are many holes requested by Polycom . ( There are holes on F/MASK &amp; Rear cover )</li> <li>- VESA MOUNT HOLE : 10 pcs</li> <li>- GUIDE INSERTS for 84" 3 sets installation</li> </ul>	<ul style="list-style-type: none"> <li>- New Model</li> <li>- Less holes</li> <li>-Due to longer size of OSD KEY PAD , Carrying handle position changed .</li> <li>- VESA MOUNT HOLE : 6 pcs</li> <li>- Change of IP Board , side cover design changed</li> <li>- Sparker added and holes .</li> </ul>