

LCD Video Wall

Orion 4K MLCD

- Displaying full screen with 4K contents without configuration limitation
- Up to 256 units : 3x3, 4x4, 5x5 larger etc



4K : 3840 X 2160 60hz



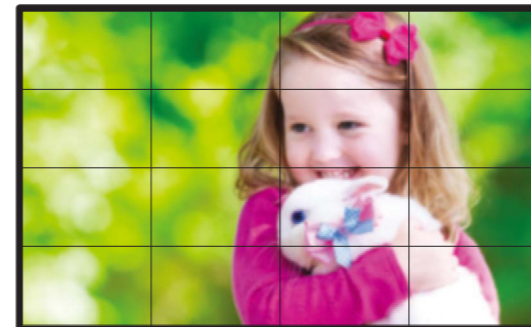
4K : 3840 X 2160 60hz

Conventional others

- Only FHD(1080P) is available
- Or 4K is limited to 2x2 configuration by MST(Multi Stream) function of PC



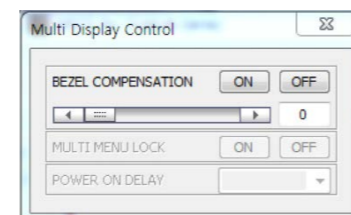
FHD: 1920 X 1080 60hz



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Key features and differentiated functions

- 1) Native 4K(UHD) Daisy Chaining through Display Port 1.2
- 2) Auto ID setting
It allows a user to simply set up the each ID of panel by software (MSCS) without giving ID manually by rotating dip switch of each unit.
- 3) Selectable color temperature:
New MSCS:
 - Select color temperature (Studio mode or Normal mode)
 - Providing customized color temperature according to customer need
- 4) Selectable Bezel compensation



Conventional MSCS:
- Bezel compensation rate(Global offset) was fixed

New MSCS:
- Select from 0(no compensation) to 30(pixels)

Specification

Model Name		OLMU-K4650	OLMU-K5550
Seam Gap		3.5mm	
Brightness (Typical)		500cd	500cd
Panel Type		VA(Global Dimming)	IPS(Local Dimming)
Panel	Back Light Type	Direct LED	
	Active Display Area (H x V)	1018.0 x 572.7	1209.6 x 680.4
	Aspect Ratio	16 : 9	
	Resolution	1920(H) x 1080(V)	
	Pixel Pitch(H x V)	0.53 x 0.53	0.63 x 0.63
	Display Colors	16.7M(8Bit)	1.07B(10Bit)
	Contrast Ratio (Typ.)	3,500:1	1,400:1 500,000 : 1(Dynamic Contrast Ratio)
	Life Time(Back Light Unit)	50,000Hrs	60,000Hrs
	Operation hours per day	24hrs	
AC Input Voltage		AC 100V~240V (50/60hz)	
Power Consumption	Max	120W	200W
	Typical	115W	115W
	Stand-By	≤ 0.5W	
Surface Treatment		Haze 44%, Anti-glare Hard-Coating (3H)	Haze 10%, Anti-glare Hard-Coating (3H)
Mount		580*340	600*400(VESA)
Dimension (W x H x D mm)		1022 x 576.6 x 100.8	1213.4 x 684.2 x 100.4
Weight		23.5Kg (±0.5Kg)	32Kg (±0.5Kg)
Input	Video Signal	HDMI / DVI / Display Port	
	Control	LAN / IR / RS-232C /Service port	
Output	Video Signal	Display Port Out (Only for Display Port In)	
	Control	RS-232C	

