

# Display the World with Orion e-Board Solutions



# Multi PDP e-Board

Multi e-Board. The flexible Multi PDP has revolutionized the videowall market with its unique and optimal multi display features. Orion Co, with its built-up videowall expertise, is proudly releasing large-sized Multi e-Boards, optimized for board configurations at school and corporate meeting room.

## ■ Main Characteristics of Orion e-Board Touch

- Excellent Response Time (125 / Second)
- Hand/Baton Touch Supportable
- Both Hand Touch & IR Pen Touch Supportable
- Shown Better System Reliability than Capacitor & Resistive Touch Pad
- Easy Touch Calibration
- No Additional Software Driver not needed
- Multi Touch Support (2 Points : Windows 7 Compatible)
- Support for Value-Added Function through Gestures



## ■ Special Features

Screen Size	84", 117"
Touch	Camera & IR Touch (up to 2 points)
Built-in PC	Optional (Industrial PC/WIN7)
Multi Signal Source Processing	DVI, D-Sub, Video (BNC), Ethernet (RJ45)
E-Board Tools	Multi Language Support (English, Chinese, French, Deutsch, Arabic)
Physical Dimension	Optimal e-Board Size 84" ( 1848 x 1042 mm), 117" ( 2772 x 1042 mm)
Applications	School Room, Corporate Meeting Room, Conference Room

## ■ Specification Comparison Table

Description		OPB-8401	OPB-11701 (Orion PDP Board-8401 / 11701)
Panel Technology		Multi PDP Panel Technology	
Size		84"	117"
Panel	Aspect Ratio	16 : 9	24 : 9
	Active Area	1848 X 1042	2772 X 1042
	SEAM Size	1.9mm	1.9mm
	Resolution	32767 X 32767	
Touch	Response Time	7ms to 13ms (typically 9ms)	
	IR Wave	850nm	
	Power Consumption	Sensor Module : Typically 233mA at 5V IR Bar : 200mA per meter at 5V at Highest intensity	
	PC Interface	USB 2.0 (High speed), Plug & Play	
	OS	MS Windows, Mac OS X, Linux	
PC		Optional (External PC)	
Input/Output		DVI, D-Sub, Video (BNC), Ethernet (RJ45), RS232C	



## Key Benefits

Compared to available e-Board Solutions, Orion PDP e-Board has such advanced features as slimmer seam and flexible size display.



## Built-In PC (Optional)

ITEM	SPECIFICATION	REMARK
PROCESSOR	AMD Athlon II-X3 450 AM3 Socket	3.2GHz-TRIPLE CORE / 1.5MB L2 Cache
MOTHER BOARD	AMD 880G / ITX	USB3.0
MEMORY	DDR3 / 4GB	1,333MHZ
GRAPHIC	ATI Radeon HD4250	HDMI + DVI
WIRELESS LAN (WI-FI)	802.11n (b/g/n)	2 ANT Support
SOUND	5.1CH	SPDIF SUPPORTED
STORAGE	2.5" / 500GB	5400RPM
TV RECEIVER	HD(1920X1080) Support	OPTION
BLUE-THOOTH RECEIVER	Ver 2.1+EDR	OPTION
WEB-CAMERA	1920x1080 Capture Support / Auto Focusing	OPTION
Optical Drive	Blu-Ray Combo	OPTION



# LCD e-Board

LCD e-Board. The large-sized LCD e-Boards have transformed the e-Board market with its unmatched specifications in resolution, brightness. Orion Co, with its signage expertise, has proudly released sophisticated large-sized LCD e-Boards of various sizes.



## Special Features

Screen Size	55", 65", 70", 82"
Touch	Camera & IR Touch (up to 2 points)
Built-in PC	Optional (Industrial PC/WIN7)
Multi Signal Source Processing	HDMI, CVBS, D-Sub, Component, RS-232C
E-Board Tools	Multi Language Support (English, Chinese, French, Deutsch, Arabic)
Ergonomic Design	Easily Detachable Frame Structure
Applications	School Room, Corporate Meeting Room, Conference Room

## Specification

Model		OLS-551CSMT(e)	OLS-651BSMT(e)	OLS-701BSMT(e)	OLS-821BSMT(e)	
Display Panel	Panel Technology	TFT LCD				
	Screen Size (inch)	55°	65°	70°	82°	
	Active Display Area (mm)	1209.6x680.4 (H/V)	1428.43x803.52 (H/V)	1549.44x871.56 (H/V)	1805.76x1015.74 (H/V)	
	Number of Pixels	1920x1080 (WUXGA)				
	Aspect Ratio	16 : 9				
	Display Colors	16.7Mil				
	Brightness (cd/m <sup>2</sup> )(typ)	450	500	450		
	Contrast Ratio	5000 : 1		4000 : 1		
	Response Time (ms, GTG)	8	5.5	8		
	Viewing Angle (H/W)	178° / 178°				
	Life Time	5,000h				
	Housing	Black powder coated metal				
	Touch Screen	Type	Camera			
Response		32768 x 32768				
Touch Accuracy		±4mm				
Glass		5T Protect Glass				
Interface		USB 2.0				
Multi Touch		2-point touch for Win7				
Detection Method		CameraFinger, Brush-pencil, Special or any opaque object				
Input Signal	PC Timing	Max 1920 x 1080 (WUXGA)				
	DTV Timing	Max 1080P				
Connectivity & Control	Input	HDMI	1			
		VGA (DSUB)	1			
		Component	1			
		CVBS	1			
		RS232C (9600 bps)	1			
		Audio	RCA x 3, Phone jack x 1			
	Output	HDMI	1			
		Component	1			
		CVBS	1			
		RS232C (9600 bps)	1			
	Power Requirement	Input Voltage	100 - 240 VAC			
		Consumption / Operating (typ)(W)	280	330	750	850
		Consumption / Standby (typ)(W)	Under 1W			
Power Control (Standby)	External RS232C Signal / Remote Controller / Power Button					
Environmental Conditions	Temperature / Humidity	0 - 35 / 20% - 80%				
OSD Languages	Multi Language					

# e-Podium

e-Podium. The sophisticated Orion e-Podium solution supplements the e-Board with seamless interface with multiple external devices through embedded powerful wireless controller. Equipped with 23" LCD monitor, Orion e-Board sets the new standard as multi-faceted electric podium device.



## Special Features

Screen Size	23"
Touch	Resistive 5-wire touch screen
Amp. Speaker	Amp.:125W, Speaker:60W X 2EA=120W
Wireless Controller	Interfaced Devices : Projector, TV, e-board, DVD, AV Receiver, Air-Conditioner, All electronic devices with IR Remote Controller
Mike	Goose Neck Mike Device
Ergonomic Design	User Friendly Design



## Specification

Description		OLS-2301EP
Monitor	Panel Technology	TN LCD (Samsung)
	Size	23"
	Resolution	1920x 1080 (WUXGA)
	Brightness	250 cd/m2
	Contrast Ratio	700:1
Touch	Type	Resistive
	Tool	Style Pen or Finger
	Pressure	100 g Over
	Response Time	20 ms
	Hardness	3H
Connectivity	Input Port	RGB, DVI
	Touch Input	USB 2.0
Microphone		Goose Neck Microphone Type
Amplifier. Speaker		Amp:125W Speaker:60W X 2EA=120W
Wireless Controller		Chargeable 2.4Ghz RF



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