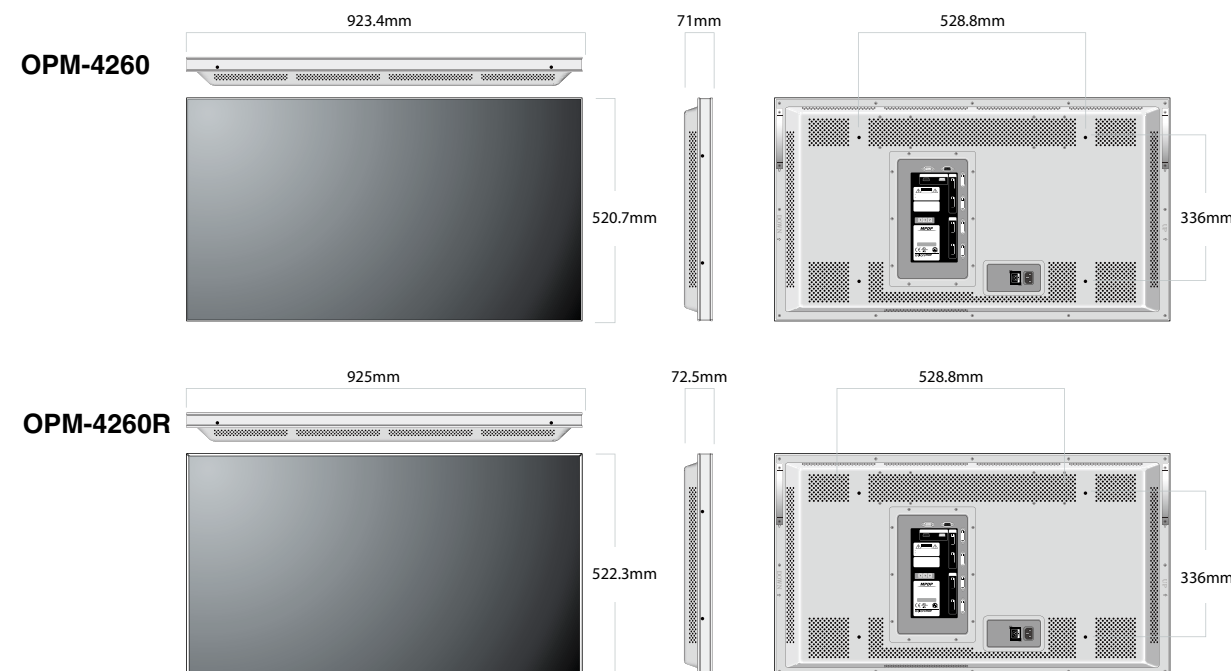


SPECIFICATION

Model Name		OPM-4260	OPM-4260R
Power Supply		100 ~ 240V AC, 50/60 Hz	
Power Consumption	Average(Typical)	300W	
	Max	360W	
Plasma Display Panel		106cm [42], 16:9 Aspect Ratio	
Plasma Display Panel	Contrast Ratio	30,000:1 (Dark Room)	
	Brightness (Peak)	1,700 cd/m ² (Without Film)	
Anti Burn-In Function		Burn-In Compensation (BIC)	
Front Filter		AG(Anti-Glare)	
Number of Pixels		853(H) x 480(V)	
Seam Gap		1.9mm	3.5mm
Environmental Condition	Temperature	0°C ~ 35°C	
	Humidity	20% ~ 70%	
Connectivity	Input	DVI(DVI-D), PC(D-Sub 15Pin), Video(BNC)	
		Ethernet(RJ45), RS-232C(D-Sub 9Pin)	
		SVC(RJ11, Ony for Service)	
	Output	DVI(DVI-D), PC(D-Sub 15Pin), Video(BNC)	
		RS-232C(D-Sub 9Pin)	
	Supported Resolution	VGA, SVGA, XGA, SXGA, UXGA, WXGA, WVGA 480p, 576p, 720p, 1080i, 1080p	
Supported Frequency	Horizontal: 15.5KHz ~ 75KHz		
	Vertical: 50Hz, 60Hz		

External Dimension



ORION PDP
www.oriondisplay.net

Ininitely Expandable Multi-Plasma MPDP

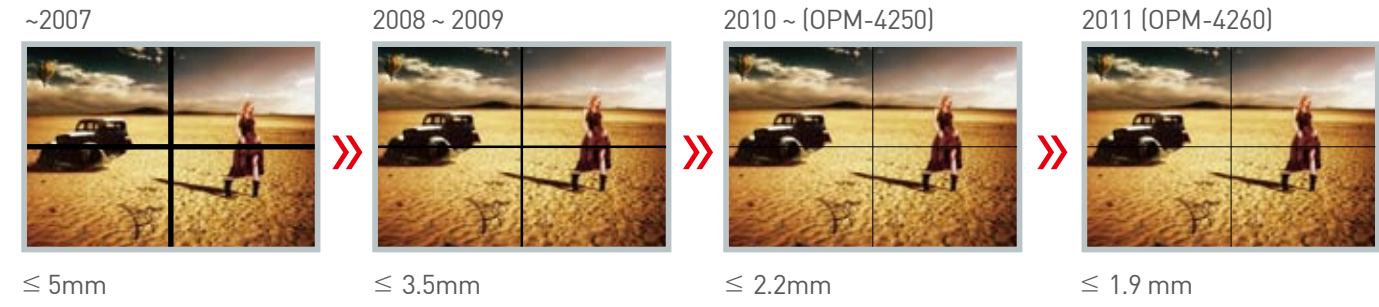
THE BREAKTHROUGH
ULTRA-LARGE
COMMERCIAL DISPLAY



Orion PDP Co., Ltd
 Factory 257-6, Gongdan-Dong, Gumi, Kyungbuk, Korea
 Sales 4F, ilshin Bldg., 15-15, Yeouido-Dong, Yeongdungpo-Gu, Seoul 150-872, Korea
 Tel: +82-2-6678-8505 E-mail: sales@oriondisplay.net

ORION PDP
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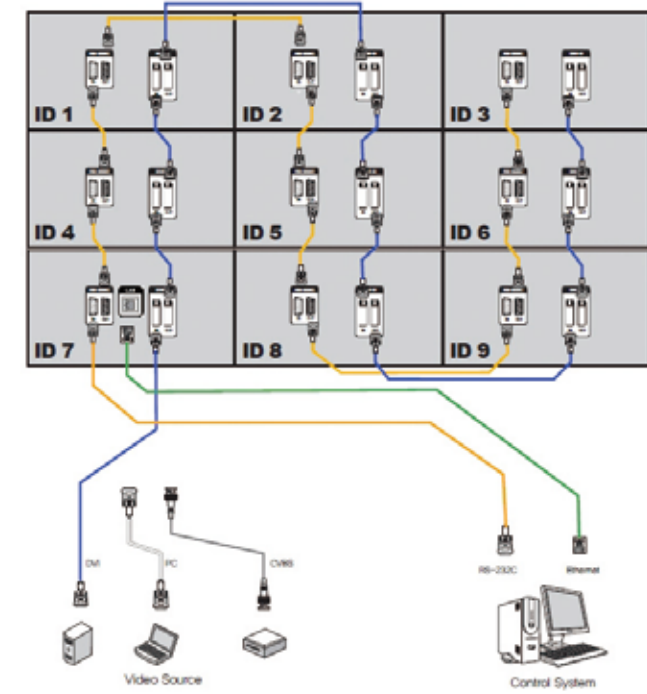
EVOLUTION OF SEAMLESS MPDP



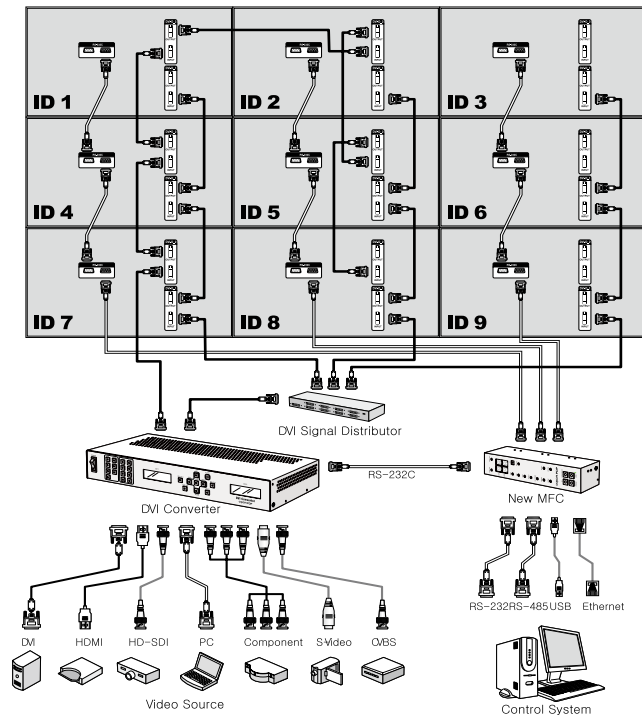
MPDP offers the best video wall solution as the world's thinnest large-format display seam size. With only 1.9mm Seam Gap, MPDP minimizes image viewing distortions allowing the delivery of a clear large image to the viewers

SYSTEM CONNECTION

◉ NORMAL CONNECTION



◉ USING OUR OPTIONS

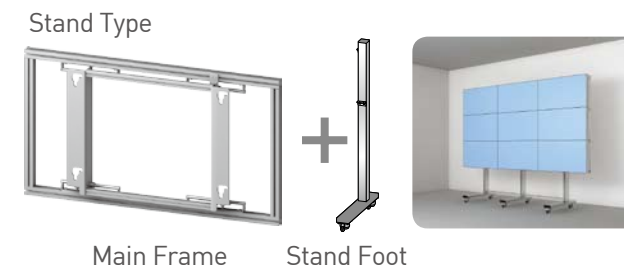
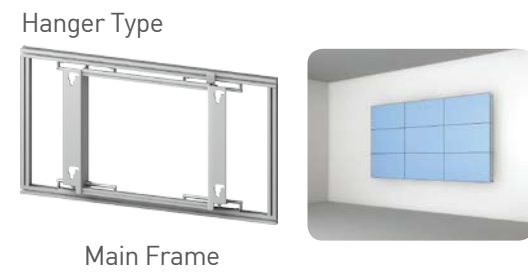


APPLICATION



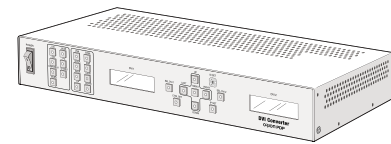
OPTIONS

◉ MAIN FRAME



◉ EXTRA ACCESSORIES

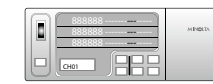
DVI Converter
(Converting diverse display signal input into DVI output)



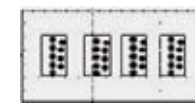
- ◉ Analog Input: RGB, Component, S-Video, CVBS
- ◉ Digital Input: HD-SDI, DVI, HDMI
- ◉ DVI Output: 2 DVI output (~UXGA), PIP function
- ◉ Control: RS-232C, Ethernet control, control through combined MSCS

Auto White Balance Package
(The package item to adjust white balance easily)

1. Portable Video Pattern Generator
2. Color Analyzer

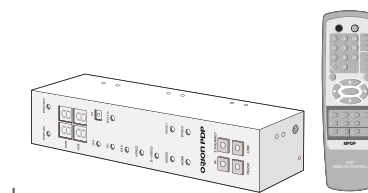


3. USB to RS-232C Multi Port with Cables



◉ MFC (Multi Function Controller)

- ◉ Input: RS-232C Booster, USB Connection, Ethernet control, IR function
- ◉ Output: 4 RS-232C (Daisy chain 25pcs each RS-232C port / Total 100)
- ◉ Function: BIC Control, RS-232C Booster, Remote Control, USB & Ethernet Control.



FEATURE

◉ INPUT & OUTPUT TERMINAL

1. ID Switch
Set ID Switch
2. Video
Composite Signal
3. PC
Computer RGB Analog Signal
D-Sub 15pin
4. DVI-D
TMDS Signal
5. RS-232C(BIC)
BIC Firmware Upgrade
6. Service Port
Only for service
7. Ethernet
Networking
8. AC Input
AC 100V ~ 240V, 50/60Hz



◉ RS-232C & ETHERNET CONTROL

- ◉ Power On/Off
- ◉ Input Select: Video, PC, DVI
- ◉ Picture Adjustment: Contrast, Brightness, Sharpness, Color, Tint
- ◉ Auto Tracking
- ◉ BIC(Burn-In Compensation) Control
- ◉ White Balance
- ◉ On/Off Timer
- ◉ Slideshow
- ◉ Design Select: Last Design / New Design
- ◉ Video-wall Configuration / X*Y Matrix
- ◉ Auto Calibration

◉ MSCS (Multi Screen Control System)

- ◉ User friendly control program supplied with the monitor
- ◉ Controllable up to Maximum of 225 sets (Limited to 15 units per axis)



Main Image of MSCS

TECHNOLOGY

◉ BIC(Burn-In Compensation) Technology

Principle: BIC generates a dynamically changing compensation picture to compensate any occurring inhomogeneous deterioration. As a result burn-in effects become almost invisible.



New ORION MPDP with BIC-technology features:

- Highest image quality for full product lifetime.
- No color shifting after long term use.
- Extremely reduced burn-in effects.
- Ready for any kind of use, no more worries about static images.
- * BIC-technology is licenced by Comotronix GmbH

