

O/C KOREA

O/C
OTRIX

4K UHD

ORION PRODUCT LINE
2019
FIRST EDITION

ABOUT US

OIC Korea is a global leader in designing and manufacturing commercial-grade displays and systems for high-demand of 24x7x365 continuous-use applications.

Having ISO9001 certified and R&D center with full engineering capabilities, OIC Korea provides the industry best flat panel display product to world-wide customers.

Since founded in 2002, OIC brand stands for the highly engineered and quality product through out its industry.t panel display product to world-wide customers.

WHAT WE DO

We, OIC Korea, provide utmost extensive line-up of commercial grade displays and systems in world-wide. Operating own R&D center is capable of providing the most reliable technical solutions with flexible customer support in OEM and ODM of products.

The flexibility leads us for any modification and total custom-designed products that meets to needs from any industry and customers.

MARKET SEGMENT

OIC Korea proudly offers the following markets and applications.

- Security
- Command & Control Centers
- Government
- Defense & Military
- Transportation & Transit
- Financial
- Education
- Hospitality
- Gaming & Entertainment
- Retail & Public Buildings

WHY DO BUSINESS with ORION IMAGE CORPORATION

OIC KOREA is located in Incheon, South Korea with R&D team and manufacturing facility. We gathers customer needs; utilizes the latest technology; manufactures best quality products; distributes efficiently; and provides supports and services to our valuable customers.

OIC KOREA is a technology company with focus on customers. By providing us with the customers' needs, we can deliver products which are right for the customers. With feedback from you and your customers, we can deliver customer satisfaction.

Then, partner us and let us build world's best class products with superior design and innovative technology for our customers.



PREMIERING IN 2019

OIC KOREA proudly introduces two powerful displays: RSM & SPV

RSM Series is based on IREDP Series with digital signage software. REDP Series with built in Android technology which allows apps such as NVR client to be installed and be used as CCTV monitor without requiring a PC. A RSM series monitor is bundled with digital signage content player app and Media Content Management Software (MCMS). Using MCMS, advertisements can be loaded and scheduled to play by a RSM series.M Series.

SPVM Series is based on IPHPVM Series with video analytics and RSM Series features. IPHPVM Series monitors are the public view monitors with a built-in IP-Camera. Video analytics in SPVM Series include people counting, movement directions, face detection, emotion analytics and more. With built-in IP-Camera, advertising app and video analytics, SPVM is a powerful security, advertising and data collection tool.

Concept

- Eye-Attracting Impact
- Private Cloud for Franchise
- Easy to making eye-catching messages
- Easy Editing & making lay-out

Cross Marketing Platform

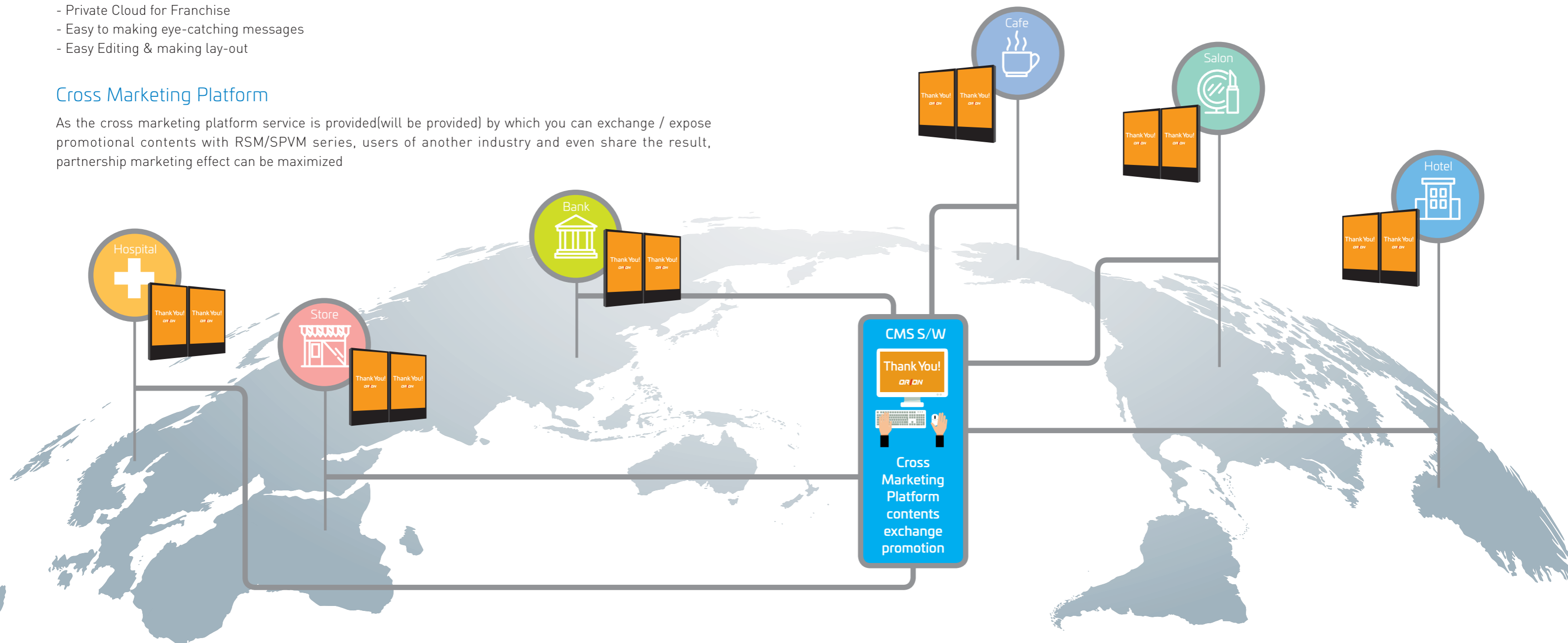
As the cross marketing platform service is provided(will be provided) by which you can exchange / expose promotional contents with RSM/SPVM series, users of another industry and even share the result, partnership marketing effect can be maximized

Advantage 1.

From the headquarter office, same advertising contents can be sent and provided to all of network monitors that are connected.

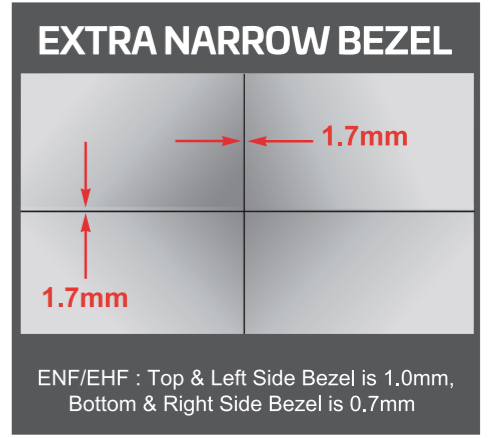
Advantage 2.

Utilizing one monitor to multi-number of monitors by posting messages on scheduled(designated) time



R4K(FHD) Series 4K Video Wall

The R4K (FHD) Series of LCD displays is the perfect solution for ultra high definition video walls, with a total of 3840x2160(based on 2 x 2 configuration) and the ability to take a single video source and display it across the entire video wall.



■ SPECIFICATION of R4K (FHD)

General Features		R4K43NNF	R4K46UNF/UHF	R4K46ENF/EHF	R4K49UNF / UHF	R4K49ENF/EHF	R4K55UNF/UHF	R4K55ENF/EHF	
Bezel Width	BEZEL to BEZEL (mm)	17.8 (L/R) / 23.88 (UD)	3.5	1.7	3.5	1.8	3.5	1.7	
Display	Screen Size	42.51"	46.0"	46.0"	48.50"	48.50"	55.0"	55.0"	
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
	Pixel Pitch (mm)	0.4902 x 0.4902	0.530 x 0.530	0.530 x 0.530	0.5592 x 0.5592	0.5592 x 0.5592	0.630 x 0.630	0.630 x 0.630	
	Brightness	450 cd/m ²	500 cd/m ² / 700 cd/m ²	500 cd/m ² / 700 cd/m ²	450 cd/m ² / 700 cd/m ²	500 cd/m ² / 700 cd/m ²	500 cd/m ² / 700 cd/m ²	500 cd/m ² / 700 cd/m ²	500 cd/m ² / 700 cd/m ²
	Contrast Ratio	1100:1	3500:1	4000:1	1300:1	1300:1	4000:1	4000:1	
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178	178/178	178/178	
	Display Color	16.7 million	16.7 million	16.7 million	1.07 billion	1.07 billion	16.7 million	16.7 million	
	Response Time	12 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms	
Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL		
Interface	Display Port In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	
	HDMI In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	
	DVI In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1	
	RS-232 In/Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	
	USB(FW UPDATE)	1	1	1	1	1	1	1	
	Audio Out(HDMI ONLY)	1	1	1	1	1	1	1	
Transmitter	Remote Control	Y	Y	Y	Y	Y	Y	Y	
Special Features	RS-232 Control	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	
	Deinterlacing	Y	Y	Y	Y	Y	Y	Y	
	Auto Pixel Shift	Y	Y	Y	Y	Y	Y	Y	
	One Stretch Image by Edge Set	Y	Y	Y	Y	Y	Y	Y	
	Multi Lingual Language	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	
Dimension	Outline Dimension (mm)	963.6 x 557.9 x 70.0	1021.98 x 576.57 x 94.80	1020.02 x 574.61 x 93.2	1077.58 x 607.8 x 87.2	1075.58 x 605.8 x 92.6	1213.5 x 684.3 x 93.8	1211.60 x 682.4 x 93.2	
	Outline Dimension (inch)	37.93 x 21.96 x 2.75	40.23 x 22.69 x 3.73	40.15 x 22.62 x 3.66	42.42 x 23.92 x 3.43	42.34 x 23.85 x 3.64	47.77 x 26.94 x 3.69	47.70 x 26.86 x 3.669	
	Net Weight (Kg/lb)	23.0 / 50.70	21.0 / 46.29	21.0 / 46.29	24.0 / 52.91	24.0 / 52.91	26.0 / 57.32	26.0 / 57.32	
Cabinet	Cabinet Color	Black	Black	Black	Black	Black	Black	Black	
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	
Power	Consumption	< 128 W	< 121 W / < 162 W	< 121 W / < 162 W	< 220 W	< 148 W / < 230 W	< 167 W / < 242 W	< 167 W / < 242 W	
	Electrical Ratings	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	
Circumstance	Operating Temperature	0-40°C / 32-104°F	0-40°C / 32-104°F	0-40°C / 32-104°C	0-40°C / 32-104°F	0-40°C / 32-104°F	0-40°C / 32-104°F	0-40°C / 32-104°F	
	Storage Temperature	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	
Mounts	VESA Mounts Size (mm)	600 x 400	600 x 400	600 x 400	600 x 400	600 x 400	600 x 400	600 x 400	
	Video Wall	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	
	Stand Alone	WB-4663	WB-4663	WB-4663	WB-4663	WB-4663	WB-4663	WB-4663	

R4K(UHD) Series 4K Video Wall

R4K UHD video-wall series provides 4K input with daisy-chain capabilities that can drive UHD resolution at 3840x2160/1080p on each monitor without requiring separate video-wall processor.

Using the latest flat panel technologies, R4K UHD series will provide the perfect display solution for any place and any applications.



■ SPECIFICATION of R4K (UHD)

General Features		R4K43NNU	R4K49NNU	R4K55NNU	R4K65NNU	R4K75NNU	R4K86NNU	R4K98NNU
Bezel Width	BEZEL to BEZEL	18.8 / 21.4 (H/V)	18.8 / 21.4 (H/V)	18.8 / 21.4 (H/V)	21.72 / 21.4 (H/V)	23.6 / 23.6 (H/V)	25.2 / 25.2 (H/V)	25.8 / 25.8 (H/V)
	Screen Size	42.51"	48.5"	54.64"	64.53"	75.0"	85.6"	97.52"
Display	Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Pixel Pitch (mm)	0.2451 x 0.2451 mm	0.27963 x 0.27963 mm	0.315 x 0.315 mm	0.372 x 0.372 mm	0.429 x 0.429 mm	0.4935 x 0.4935 mm	0.5622 x 0.5622 mm
	Brightness	350 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
	Contrast Ratio	1000:1	1100:1	1100:1	1100:1	1200:1	1200:1	1300:1
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178	178/178	178/178
	Display Color	1.07 billion	1.07 billion	1.07 billion	1.07 billion	1.07 billion	1.07 billion	1.07 billion
	Response Time	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
	Interface	Display Port In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Transmitter	HDMI In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
	DVI In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Special Features	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1
	RS-232 In/Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
	Audio Out	1	1	1	1	1	1	1
	Remote Control	Y	Y	Y	Y	Y	Y	Y
	RS-232 Control	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision
Dimension	Deinterlacing	Y	Y	Y	Y	Y	Y	Y
	Auto Pixel Shift	Y	Y	Y	Y	Y	Y	Y
	One Stretch Image by Edge Set	Y	Y	Y	Y	Y	Y	Y
Cabinet	Multi Lingual Language	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR
	Outline Dimension (mm)	962.0 x 554.8 x 72.0	1097.2 x 630 x 77.0	1238.0 x 708.8 x 63.1	1454.6 x 832.4 x 73.5	1678.2 x 956.2 x 81.6	1924.6 x 1095.6 x 72.7	2190.2 x 1245.1 x 131.1
	Outline Dimension (inch)	37.87 x 21.84 x 2.83	43.19 x 24.80 x 3.03	48.74 x 27.90 x 2.48	57.26 x 32.77 x 2.89	66.07 x 37.64 x 3.21	75.77 x 43.13 x 2.86	86.22 x 49.01 x 5.16
Power	Net Weight (Kg / lb)	23.0 / 50.70	26.0 / 57.32	26.0 / 57.32	40.0 / 88.18	65.0 / 143.30	75.0 / 165.34	90.0 / 198.41
	Cabinet Color	Black	Black	Black	Black	Black	Black	Black
Circumstance	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
	Consumption	< 100 W	< 120 W	< 190 W	< 150 W	< 390 W	< 310 W	< 590 W
Mounts	Electrical Ratings	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)
	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
Mounts	Storage Temperature	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F	-20-65°C/-4-149°F
	VESA Mounts Size (mm)	600 x 400	600 x 400	600 x 400	800 x 600	1000 x 600	800 x 400	800 x 600
	Video Wall	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR	WFS, WES, WSD, WSR
Stand Alone	WB-4780	WB-4780	WB-4780	WB-7080	WB-7080	WB-7080	WB-7080	

4K UHD LED

OIC's 4K single monitor DHD series provide eye-catching view with resolution of 3840x2160. Implementing valued features through user-friendly configuration, 4K DHD series will enhance your vision.



4K UHD



■ SPECIFICATION of 4K

General Features		4K27DHDR	4K43DHDR	4K55DHDR	4K75DHDR
Display	Screen Size	27.0"	42.51"	54.64"	75.0"
	Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Pixel Pitch (mm)	0.1554 x 0.1554	0.2451 x 0.2451	0.315 x 0.315	0.429 x 0.429
	Brightness	350 cd/m ²	350 cd/m ²	500 cd/m ²	500 cd/m ²
	Contrast Ratio	1300:1	1000:1	1100:1	1200:01:00
	Aspect Ratio	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178
	Display Color	1.07 Billion	1.07 billion	1.07 billion	1.07 billion
Interface	Response Time	Typ. 14ms	Typ. 8ms	Typ. 8ms	Typ. 8ms
	Display Port In / Out	1 / 1	1 / 1	1 / 1	1 / 1
	HDMI(1.4) In/Out	1/1	1/1	1/1	1/1
	DVI In/Out	1/1	1/1	1/1	1/1
	VGA(15pin D-Sub) In	1	1	1	1
Audio	Audio In/Out	1/1	1/1	1/1	1/1
	Built in Speakers	Y	Y	Y	Y
Transmitter	Remote Control	Y	Y	Y	Y
	Multi Display Function	Y	Y	Y	Y
Special Features	Noise Reduction	Y	Y	Y	Y
	Aspect Ratio Change	Y	Y	Y	Y
	Deinterlacing	Y	Y	Y	Y
	Auto Pixel Shift	Y	Y	Y	Y
	Gamma Selection	Y	Y	Y	Y
Dimension	Outline Dimension w/ Stand (mm)	622.8 x 425.3x 160.0	967.4 x 619.4 x 240.0	1244.0 x 772.0 x 240.0	1684.2 x 1027.6 x 280.0
	Outline Dimension w/ Stand (inch)	24.51 x 16.74 x 6.29	38.08 x 24.38 x 9.44	48.97 x 30.39 x 9.44	66.30 x 40.45 x 11.02
	Net Weight (Kg / lb)	8.0 / 17.63	18.0 / 39.68	35.0 / 77.16	70.0 / 154.32
Cabinet	Cabinet color	Black	Black	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 45 W	< 61 W	< 125 W	< 390 W
	Electrical Ratings	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)	AC 100-240 V (50/60Hz)
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-20-60°C/-4-140°F	-20-60°C/-4-140°F	-20-60°C/-4-140°F	-20-60°C/-4-140°F
Mounts	VESA Mounts Size (mm)	100 x 100	300 x 200	400 x 300	1000 x 500
	Ceiling Mount	CMK-01	CMK-01	CMH-01	CMH-01
	Wall	WB-5, 10, 30, 31, WB-2642	WB-31, WB-S3763, WB-2642	WB-4663	WB-7080



4K UHD LED PROFESSIONAL MONITOR

SPECIAL FEATURES

- Anti-Reflection Front Coating
- Full 60fps Frame Rate (Display port)
- Multi-Input Interface: Display Port, HDMI, DVI-D, SDI, VGA
- Aspect Ratio: Full / 4:3 / 5:4 / 1:1
- Dynamic Contrast: ON / OFF
- Wide Viewing Angle
- Industrial Grade Metal Cabinet
- 3D De-interlace
- Gamma Selection

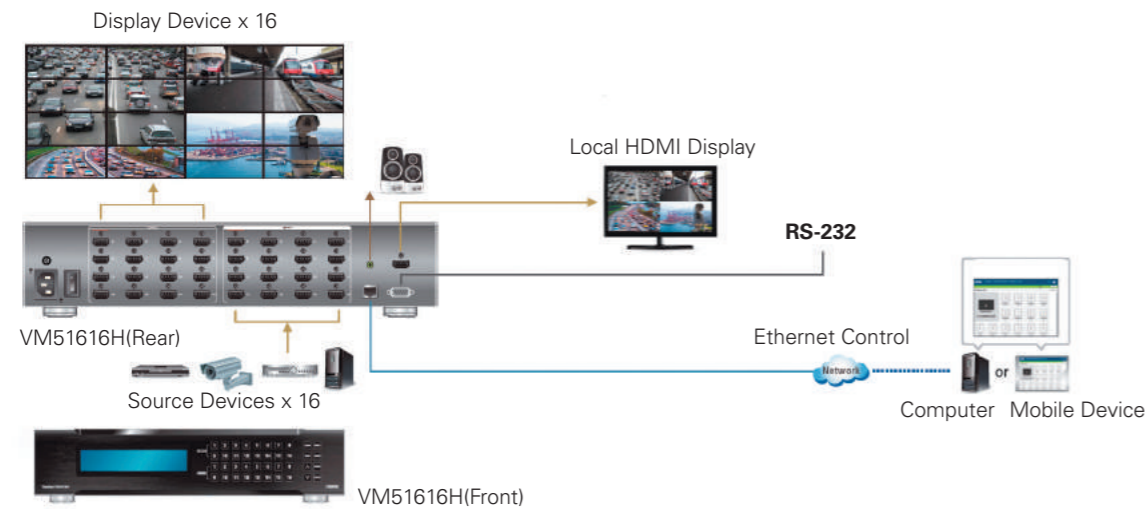
Video Wall Controller

OIC Korea HDMI Video wall controller offer seamless switching to ensure continuous video streams, real-time control and stable signal transmissions.

With a built-in high-performance scaler, it easily converts various input resolutions to optimum output display resolutions, giving viewers the best video and picture quality across all displays.

Intuitive web GUI that allows you to create up to 32 connection profiles that can be customized into different video wall layouts.

It is an ideal solution for applications that require multiple HDMI displays with multiple HDMI sources to be conveniently delivered to multiple locations, such as railway stations, casinos, control centers, conference rooms, security management, and more.



Video Wall Controller SPECIFICATION

HDMI Video Wall Controller	VM5404H	VM5808H	VM51616H	VM6404H	VM6809H
	4 x 4 HDMI Video Wall Controller	8 x 8 HDMI Video Wall Controller	16 x 16 HDMI Video Wall Controller	4x4 4K HDMI Video Wall Controller	8 x 9 4K HDMI Video Wall Controller
Input Port	4	8	16	4	8
Output Port	4	8	16	4	9
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	4096 x 2160 @ 60Hz (4:2:0) 4096 x 2160 @ 30Hz (4:4:4)	4096 x 2160 @ 60Hz (4:2:0) 4096 x 2160 @ 30Hz (4:4:4)
Max. Distance	15m	15m	15m	15m	15m
Audio	HDMI	HDMI	HDMI, Stereo Audio	HDMI	HDMI, Stereo Audio
Control	IR, RS232, Ethernet	IR, RS232, Ethernet	RS232, Ethernet	IR, RS232, Ethernet	RS232, Ethernet
Scaler	0	0	0	0	0
Seamless Switch	0	0	0	0	0
Video Wall	0	0	0	0	0
FrameSync	N/A	N/A	0	N/A	0
CEC (Consumer Electronics Control)	0	0	0	0	0
Local HDMI Output	N/A	N/A	0	N/A	N/A
4K Scaler	N/A	N/A	N/A	0	0
Output Interface	HDMI	HDMI	HDMI	HDMI	HDMI
Input Interface	HDMI	HDMI	HDMI	HDMI	HDMI
Max. Bandwidth	6.75 Gbps	6.75 Gbps	6.75 Gbps	10.2 Gbps	10.2 Gbps
Power Input	100-240 VAC;50-60Hz;1.0A	100-240 VAC;50-60Hz;1.0A	100-240 VAC; 50-60 Hz; 1.0A	100-240 VAC;50-60Hz;1.0A	100-240 VAC;50-60Hz;1.0A
Power Consumption	AC110V:34.1W:160BTU AC220V:34.4W:161BTU	AC110V:55.9W:262BTU AC220V:55.5W:258BTU	120 VAC, 125W ; 230 VAC, 122W	120VAC,47.6W; 230VAC 47.5W	AC110V:79.5W:373BTU AC220V:78.1W:366BTU
Weight (Kg/ lb)	4.10 / 9.03	4.03 / 8.88	7.86 / 17.32	4.72 / 10.40	7.05 / 15.54
Dimensions (L x W x H / mm)	432.4 x 262.3 x 44.0	432.4 x 262.3 x 44.0	432.4 x 381.8 x 88.0	432.4 x 307.3 x 44.0	432.4 x 450.3 x 44.0
Dimensions (L x W x H / inch)	17.02 x 10.32 x 1.73	17.02 x 10.32 x 1.73	17.02 x 15.03 x 3.46	17.02 x 12.09 x 1.73	17.02 x 17.72 x 1.73

OIC-MP Video-Wall Processors

The OIC-MP Series Video-wall processors offer various options with number of video inputs and outputs, choice of 1080P or 2160P on each port, and excellent expansion capabilities.

These processors can support full resolutions on each of all the video-wall monitors as well as free-positioning and unlimited scalability of all the video inputs.

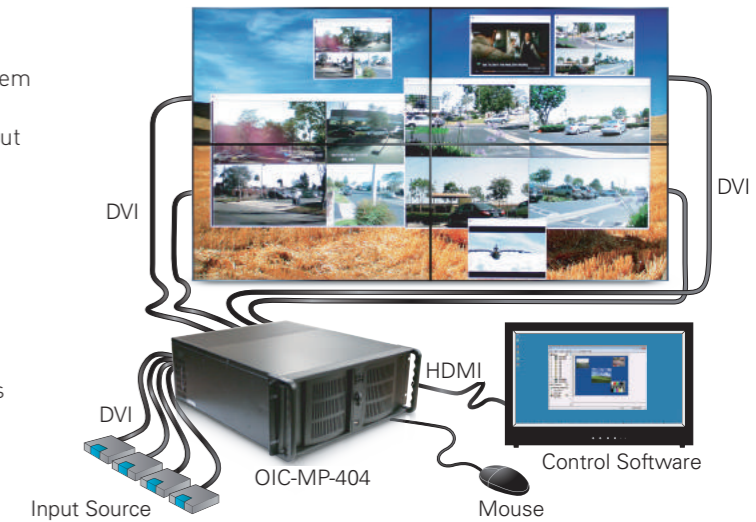
SPECIFICATION

VIDEO WALL CONTROLLER

- Core i7 Processor, Window 7 Professional with 64 bit System
- Rack Mount 4RU Case with Front Lock
- Video Interface DVI for Input and DVI/Displayport for Output
- Expandable HD Inputs and Outputs, Multiple Video Wall Configurations
- Optional MPE8 Expansion Unit can add extra 8 slots.

VIDEO WALL CONTROLLER SOFTWARE

- Outputs Maximum 2560x1600 at 60Hz Resolution (3840 x 2160 for OIC-MP4K Models)
- Display Multiple Input Sources with Video Clip and Photos in Windows 7
- Audio Playback for HDMI Source
- Size and Position any Window
- Stream a Source Over the Network



OIC-MP Series SPECIFICATION

SERIES	OIC-MP404,808	OIC-MP0812,1616	OIC-MP 4K Series
Server Chassis	4RU Black Chassis	4RU Black Chassis	4RU Black Chassis
Redundant Power Supply	No	Yes	Yes
Operating System	Window 7 Professional	Window 7 Professional	Window 7 Professional
Processor	Intel Core i7	Intel Core i7	Intel Core i7
System Bus	1333 MHz	1333 MHz	1333 MHz
CD/DVD	18x DVD-RW ROM Drive	18x DVD-RW ROM Drive	18x DVD-RW ROM Drive
Network Card	Integrated Intel PRO 10/100/1000	2 Gigabit Ethernet Ports	2 Gigabit Ethernet Ports
Video Card	On Board Video (VGA Output)	On Board Video (VGA Output)	On Board Video (VGA Output)
Mother Board Chipset	Intel Chipset	Intel Chipset	Intel Chipset
PCI Slots	5 PCIe Slots	9 PCIe Slots	5 PCIe / 9 PCIe Slots
System RAM	8 GB DDR3	16 GB DDR3	8 GB /16 GB DDR3
Storage	120GB SSD	120GB SSD	120GB SSD
Input Card	4ch HD Capture Card (IN4DVI)	4ch HD Capture Card (IN4DVI)	2ch 4K Capture Card (IN2DP4K)
Input Card Source	DVI	DVI	DVI / DP
Max Input Resolution	2048 x 1080 pixels	2048 x 1080 pixels	3840 x 2160 pixels
Data Bandwidth	800MB/s per capture processor, 3.2 GB/s total (per Card)		
Frame Buffer MB	4 x 256	4 x 256	4 x 256
Audio Supported	Audio supported only for HDMI input		
Output Card	4ch Output Card (OUT4DP)	4ch Output Card (OUT4DP)	OUT4DP - 4K to use only 2 outputs
Output Type	4 x Display Port 1.1a Video Ports Providing up to 359M pixels/s at 24bit		
Max Output Resolution	2560 x 1600 pixels	2560 x 1600 pixels	3840 x 2160 pixels
Power	115V, 12A Input	115V, 12A Input	115V, 12A Input
Cooling	1 Processor Fan, 2 x 120mm Fans	2 x 120mm Fans	2 x 120mm Fans
Case Dimensions (mm)	482.6 x 177.8 x 533.4	482.6 x 177.8 x 499.1	482.6 x 177.8 x 499.1
Case Dimensions (inch)	19.0 x 7.0 x 21.0	19.0 x 7.0 x 19.64	19.0 x 7.0 x 19.64
Accessories	Optical Mouse, Keyboard, DP to DVI adaptors, Manual		
Weight (Kg / lb)	20.41 / 44.99	24.95 / 55.00	24.95 / 55.00

Entry Series

RCE series are well-featured commercial models that standard interface such as HDMI, Composite, VGA and Audio.



■ SPECIFICATION of RCE

General Features		15RCE	17RCE	19RCE	22RCE	24RCE	32RCE	43RCE	49RCE	55RCE	
Display	Screen Size	15.0"	17.0"	19.0"	21.5"	23.6"	32.0"	42.51"	49.0"	55.0"	
	Resolution	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
	Pixel Pitch (mm)	0.297 x 0.297	0.264 x 0.264	0.294 x 0.294	0.2482 x 0.2482	0.2715 x 0.2715	0.3637 x 0.3637	0.4902 x 0.4902	0.5708 x 0.5708	0.630 x 0.630	
	Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²
	Contrast Ratio	800:1	1000:1	1000:1	1000:1	1000:1	1400:1	1200 : 1	5000 : 1	1200 : 1	
	Aspect Ratio	4 : 3	5 : 4	5 : 4	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9	
	Viewing Angle(H/V)	160°/145°	160°/160°	170°/160°	170°/160°	170°/160°	178°/178°	178°/178°	178°/178°	178°/178°	
	Display Color	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	
Interface	Response Time	< 30ms	< 5ms	< 5ms (type on/off)	< 5ms	< 5ms	< 6ms	< 8ms	< 8.5ms	< 6.5ms	
	Video System	NTSC / PAL	NTSC / PAL	NATSLC / P	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	
	HDMI In	1	1	1	1	1	1	1	1	1	
	Video In/ Out(BNC Type)	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1	1	1	
Audio	Audio In	1	1	1	1	1	1	1	1	1	
	Audio Out	1	1	1	1	1	1	1	1	1	
Transmitter	Built in Speakers	2 (8 ohm 2W)	2 (8 ohm 2W)	2 (8 ohm 2W)	2 (8 ohm 2W)	2 (8 ohm 2W)	2 (8 ohm 3W)	2 (8 ohm 2W)	2 (8 ohm 3W)	2 (8 ohm 3W)	
Special Feature	Remote Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Filter Type	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	3D Comb filter	
Dimension	Multi Lingual Language	English, Chinese	English, Chinese	English, Chinese	English, Chinese	English, Chinese	English, Chinese	English, Chinese	English, Chinese	English, Chinese	
	Outline Dimension w/o Stand W x H x D (mm)	319.5 x 274.6 x 43.4	382.0 x 315.0 x 43.4	427.0 x 351.0 x 45.0	517.9 x 318.5 x 48.5	562.9 x 341.9 x 51.6	740.0 x 450.1 x 85.1	1002.0 x 602.0 x 89.9	1160.0 x 680.0 x 100.1	1274.8 x 749.8 x 101.1	
	Outline Dimension w/o Stand W x H x D (inch)	12.57 x 10.81 x 1.70	15.03 x 12.40 x 1.70	16.81 x 13.81 x 1.77	20.38 x 12.53 x 1.90	22.16 x 13.46 x 2.03	29.13 x 17.72 x 3.35	39.44 x 23.70 x 3.53	45.66 x 26.77 x 3.94	50.18 x 29.51 x 3.98	
Cabinet	Net Weight (Kg / lb)	2.64 / 5.82	3.34 / 7.36	3.54 / 7.80	2.99 / 6.59	3.49 / 7.69	16.17 / 35.64	22.23 / 49.01	28.58 / 63.01	36.57 / 80.62	
	Cabinet color / Base Stand	Black / Yes	Black / Yes	Black / Yes	Black / Yes	Black / Yes	Black / Yes	Black / Yes	Black / Yes	Black / Yes	
Regulations	Cabinet Material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	Metal	Metal	Metal	Metal	
	Consumption : < On	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	
Power	Standby Mode	< 20W	< 20W	< 20W	< 30W	< 30W	< 80W	< 100W	< 80W	< 150W	
	Standby Mode	< 1W	< 1W	< 1W	< 1W	< 1W	< 5W	< 1W	< 1W	< 1W	
	Electrical Ratings	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	AC100 ~ 240V(50/60Hz)	
Circumstance	DC 12V / 3A	DC 12V / 3A	DC 12V / 3A	DC 12V / 3A	DC 12V / 3A	DC 12V / 3A	-	-	-	-	
	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	
Mounts	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	
	VESA Mounts Size (mm)	75 x 75	75 x 75	75 x 75	75 x 75	75 x 75	200 x 200	200 x 200	560 x 200, 200 x 200	700 x 200, 200 x 200	
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01	CMH-01	CMH-01	CMH-01	
	Wall	WB-5,WB-10,WB-30,WB-31	WB-5,WB-10,WB-30,WB-31	WB-5,WB-10,WB-30,WB-31	WB-5,WB-10,WB-30,WB-31	WB-5,WB-10,WB-30,WB-31	WB-5,WB-10,WB-30,WB-31	WB-2642	WB-4663	WB-4663	
Rack mount	RMK-08	RMK-08	RMK-08	RMK-08 w/RMK-10B	RMK-08 w/RMK-10B	RMK-08 w/RMK-10B	N/A	N/A	N/A	N/A	

Premium Wide Series

OIC Premium series offers high-featured with metal cabinet design including special functions such as PIP/PBP, Auto Source Sequencing (up to 7 sources) etc...

Additional values functions such as Trigger Alarm & Sensor, De-interlacing, Noise Reduction and LCD protection glass will upgrade the level of performance.



■ SPECIFICATION of REDP

General Features		9REDC	9REDP	10REDPW	18REDP	21REDP	23REDP	27REDP	32REDP	43REDP
Display	Screen Size	9.7"	9.7"	10.1"	18.5"	21.5"	23.0"	27.0"	31.55"	42.51"
	Resolution	1024x768	1024 x 768	1280 x 800	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Pixel Pitch (mm)	0.192 x 0.192	0.192 x 0.192	0.1695 x 0.1695	0.300 x 0.300	0.2479 x 0.2479	0.2652 x 0.2652	0.3114 x 0.3114	0.3637 x 0.3637	0.4902 x 0.4902
	Brightness	350cd/m2	350 cd/m ²	350 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	300 cd/m ²	400 cd/m ²	450 cd/m ²
	Contrast Ratio	1000:1	900:1	800:1	1000:1	1000:1	1000:1	1000:1	1100:1	1100:1
	Aspect Ratio	4:3	4:3	16:10	16:9	16:9	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178	178/178	170/170	170/160	178/178	178/178	178/178	178/178	178/178
	Display Color	16.7M	262,144 colors (6-bit)	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
Response Time	15ms	20 ms	15 ms	3.5 ms	14 ms	14 ms	14 ms	10 ms	12 ms	
Video System	PAL/NTSC	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
Interface	DVI In/HDMI In	0/1	0/1	0/1	1/2	1/2	1/2	1/2	1/2	1/2
	Video In/Out (BNC Type)	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
	S-Video In/Out	0	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1	1	1
	Audio L/R In (RCA Type)	0	1	1	2	2	2	2	2	2
	PC Stereo In	1	1	1	1	1	1	1	1	1
Audio	Built in Speakers	2x2W	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)
Transmitter	Remote Control	Y	N	N	Y	Y	Y	Y	Y	Y
Special Features	Multi Display Function	N	N	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
		N	N	N	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display
	Filter Type	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter
	Deinterlacing	3D	N	N	Y	Y	Y	Y	Y	Y
	Trigger Source Switching	N/A	N	N	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)
	LCD Protection Glass	Acrylic	N	N	N	N	N	N	Y	Y
	Noise reduction	3D	Y	Y	Y	Y	Y	Y	Y	Y
Auto source sequencing	No	Y	Y	Y	Y	Y	Y	Y	Y	
Multi Lingual Language	Yes	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	
Dimension	Outline Dimension w/ Stand (mm)	233.0 x 194.0 x 39.0	216.0 x 190.2 x 87.7	240.2 x 189.1 x 64.9	448.0 x 297.8 x 78.8	518.0 x 333.8 x 82.0	552.0 x 353.0 x 79.5	640.0 x 429.0 x 160.0	732.0 x 486.3 x 160.0	969.4 x 625.4 x 240.0
	Outline Dimension w/ Stand (inch)	9.17 x 7.63 x 1.53	8.50 x 7.48 x 3.45	9.45 x 7.44 x 2.55	17.63 x 11.72 x 3.10	20.39 x 13.14 x 3.22	21.73 x 13.89 x 3.12	25.19 x 16.88 x 6.29	28.81 x 19.14 x 6.29	38.16 x 24.62 x 9.44
	Net Weight (Kg / lb)	1.5 / 3.30	2.0 / 4.40	2.0 / 4.40	6.09 / 13.42	6.55 / 14.44	5.90 / 13.0	9.20 / 20.28	12.70 / 27.99	21.80 / 48.06
Cabinet	Cabinet color/Base Stand	Black	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	Metal	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	<12W	< 11 watts	< 11 watts	< 22 watts	< 22 watts	< 22 watts	< 35 watts	< 52 watts	< 107 watts
	Electrical Ratings	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V	AC 100-240 V (50/60Hz) DC 12V, 5A	N/A	N/A
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-10 ~ 50°C / -14 ~ 122°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size (mm)	75 x 75	75 x 75	75 x 75	100 x 100	100 x 100	100 x 100	200 x 100	200 x 200	400 x 300
	Ceiling Mount	CMK-01S	CMK-01S	CMK-01S	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01	CMH-01
	Wall	WB-5, 10, 30	WB-5, 10, 30	WB-5, 10, 30	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-2642	WB-2642
	Rack Mount	RMK-08	RMK-08	RMK-08	RMK-08	RMK-08	RMK-08	N/A	N/A	N/A

Value Series

Positioned between the Premium and Entry Series, the REDE Series offer value prices while still deliver full-features as commercial monitors. Experience OIC's flat panel technology at appropriate level of pricing with highly-featured functions.



■ SPECIFICATION of REDE

General Features		18REDE	21REDE	23REDE
Display	Screen Size	18.5"	21.5"	23.0"
	Resolution	1366 x 768	1920 x 1080	1920 x 1080
	Pixel Pitch (mm)	0.3 x 0.3	0.2479 x 0.2479	0.2652 x 0.2652
	Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast Ratio	1000:1	1000:1	1000:1
	Aspect Ratio	16:9	16:9	16:9
	Viewing Angle (H/V)	170/160	178/178	178/178
	Display Color	16.7 million	16.7 million	16.7 million
	Response Time	5 ms	14 ms	14 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	DVI In/HDMI In	0/1	0/1	0/1
	Video In/Out (BNC Type)	2/2	2/2	2/2
	S-Video In/Out	1/0	1/0	1/0
	VGA In (15Pin D-Sub)	1	1	1
	Audio In (RCA Type)	1	1	1
	PC Stereo In	1	1	1
Audio	Built in Speakers	Y (1W x 2)	Y (1W x 2)	Y (1W x 2)
Transmitter	Remote Control	N	N	N
	Filter Type	3D Comb	3D Comb	3D Comb
Special Features	Deinterlacing	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer
	Noise reduction	Y	Y	Y
	Auto source sequencing	Y	Y	Y
	Multi Linguanl gL uage	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension w/ Stand (mm)	465.8 x 350.9 x 150.0	512.0 x 390.0 x 200.1	549.3 x 419.0 x 200.0
	Outline Dimension w/ Stand (inch)	18.33 x 13.81 x 5.90	20.15 x 15.35 x 7.87	21.62 x 16.49 x 7.87
	Net Weight (Kg / lb)	3.43 / 7.56	4.00 / 8.81	4.29 / 9.45
Cabinet	Cabinet color/Base Stand	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	ABS	ABS	ABS
Power	Consumption	< 30 W	< 32 W	< 35 W
	Electrical Ratings	AC 100-240 V (50/60Hz) DC 12 V	AC 100-240 V (50/60Hz) DC 12 V	AC 100-240 V (50/60Hz) DC 12 V
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size (mm)	75 x 75	75 x 75	75 x 75
	Ceiling Mount	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31
	Rack Mount	RMK-08	RMK-08	RMK-08

Rack-mountable Premium Series

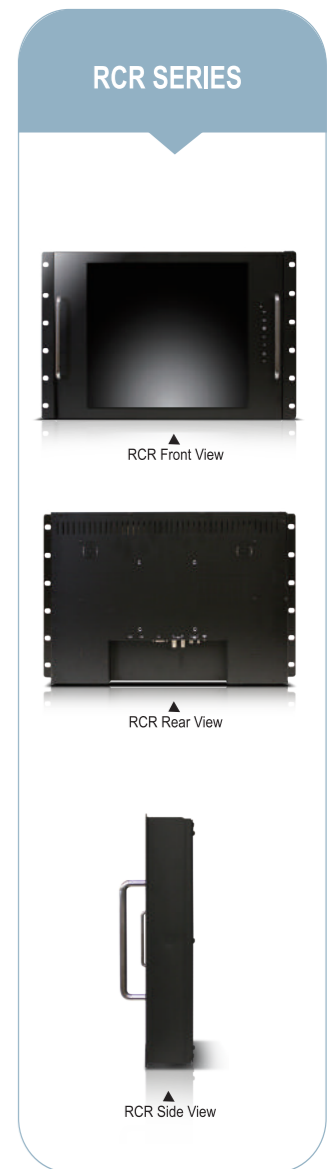
Rack-Mountable Premium Series provides perfect solution with 90 degree tilt capability for ease of use and installation as well as removable chrome handles.

Metal cabinet with high-level features like PIP/PBP, Auto Source Sequencing (up to 7 sources), Trigger Alarm & Sensor will support you in the field.



■ SPECIFICATION of RCR

General Features		9RCRD	17RCR	19RCR
Display	Screen Size	9.7"	17.0"	19.0"
	Resolution	1024 x 768	1280 x 1024	1280 x 1024
	Pixel Pitch (mm)	0.192 x 0.192	0.264 x 0.264	0.0976 x 0.2928
	Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast Ratio	500:1	1000:1	1000:1
	Aspect Ratio	4:3	5:4	5:4
	Viewing Angle (H/V)	160/150	170/160	178/178
	Display Color	262,144 colors (6 bit)	16.7 million	16.7 million
	Response Time	20 ms	5 ms	14 ms
	Video System	NTSC/PAL	NTSCA/PL	NTSC/PAL
Interface	DVI In/HDMI In	0/1 (*2)	0/1	0/1
	Video In/Out (BNC Type)	2/2 (*2)	2/2	2/2
	S-Video In/Out	1/0 (*2)	1/0	1/0
	VGA In (15Pin D-Sub)	1 (*2)	1	1
	Audio In (RCA Type)	1 (*2)	1	1
	PC Stereo In	1 (*2)	1	1
Audio	Built in Speakers	Y (1W*2) (*2)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	N	Y	Y
Special Features	Filter Type	2D Comb Filter 3D Adaptive Deinterlacer	2D Comb Filter 3D Adaptive Deinterlacer	2D Comb Filter 3D Adaptive Deinterlacer
	Noise reduction	Y	Y	Y
	Auto source sequencing	Y	Y	Y
	Multi Linguanl Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension (mm)	482.0 x 220.0 x 50.0	482.0 x 353.0 x 72.8	482.0 x 353.0 x 72.8
	Outline Dimension (inch)	18.97 x 8.66 x 1.96	18.97 x 13.89 x 2.86	18.97 x 13.89 x 2.86
	Net Weight (Kg / lb)	3.95 / 8.70	6.20 / 13.66	6.75 / 14.88
Cabinet	Cabinet color	Black	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 11 watts (*2)	< 18 watts	< 24 watts
	Electrical Ratings	AC 100-240 V (50/60Hz) DC 12 V	AC 100-240 V (50/60Hz) DC 12 V	AC 100-240 V (50/60Hz) DC 12 V
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size (mm)	75 x 75	100 x 100	100 x 100
	U Factor Height Space	5U	8U	8U
	Ceiling Mount	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31
	Rack Mount	Tilttable Rack Mount	Tilttable Rack Mount	Tilttable Rack Mount



3G-SDI Series

With 3G-SDI input and various features and functions such as PIP/PBP, Auto-Source sequencing (up to 7 sources), trigger alarm and sensor, 3D comb filter, De-interlacing, Noise Reduction will bring better vision and quality to your solution.



■ SPECIFICATION of HSDI3G

General Features		19HSDI3G	21HSDI3G	23HSDI3G	27HSDI3G	32HSDI3G	43HSDI3G	55HSDI3G		
Display	Screen Size	19.0"	21.5"	23.0"	27.0"	31.55"	42.51"	54.64"		
	Resolution	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080		
	Pixel Pitch (mm)	0.0976 x 0.2928	0.2479 x 0.2479	0.2652 x 0.2652	0.3114 x 0.3114	0.3637 x 0.3637	0.4902 x 0.4902	0.630 x 0.630		
	Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²	300 cd/m ²	400 cd/m ²	450 cd/m ²	450 cd/m ²		
	Contrast Ratio	1000:1	1000:1	1000:1	1000:1	1100:1	1100:1	1100:1		
	Aspect Ratio	5:4	16:9	16:9	16:9	16:9	16:9	16:9		
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178	178/178	178/178		
	Display Color	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million		
	Response Time	< 14 ms	14 ms	14 ms	14 ms	10 ms	12 ms	12 ms		
Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL			
Interface	SDI In/Out (BNC Type)	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
	SDI	SD-SDI	480i/59.94, 576i/50	480i/59.94, 576i/50	480i/59.94, 576i/50	480i/59.94, 576i/50	480i/59.94, 576i/50	480i/59.94, 576i/50	480i/59.94, 576i/50	
		HD-SDI	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,	720p/50, 59.94, 60, 1080i/50,
			59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30	59.94, 60, 1080p/24, 25, 29.97, 30
	3G-SDI	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)	1080p/50, 59.94, 60 (Level A/B)		
	DVI In/HDMI In	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
	Video In/Out (BNC Type)	2/2	2/2	2/2	2/2	2/2	2/2	2/2		
	S-Video In/Out	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1		
	Audio L/R In (RCA Type)	2	2	2	2	2	2	2		
Audio	PC Stereo In	1	1	1	1	1	1	1		
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)	Y (7.5W*2)	Y (7.5W*2)		
Transmitter	Remote Control	Y	Y	Y	Y	Y	Y	Y		
	Multi Display Function	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP		
Dual Composite Display		Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display			
Special Features	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter		
	Deinterlacing	Y	Y	Y	Y	Y	Y	Y		
	Trigger Source Switching	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)		
	LCD Protection Glass	N	N	N	N	Y	Y	Y		
	Noise reduction	Y	Y	Y	Y	Y	Y	Y		
	Auto source sequencing	Y	Y	Y	Y	Y	Y	Y		
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT		
Dimension	Outline Dimension w/ Stand (mm)	448.0 x 294.0 x 91.0	518.2 x 332.7 x 78.7	552.0 x 353.0 x 88.5	640.0 x 429.0 x 160.0	732.0 x 486.3 x 160.0	969.4 x 625.1 x 240.0	1253.0 x 777.0 x 240.0 mm		
	Outline Dimension w/ Stand (inch)	17.63 x 11.57 x 3.58	20.40 x 13.09 x 3.09	21.73 x 13.89 x 3.48	25.19 x 16.88 x 6.29	28.81 x 19.14 x 6.29	38.16 x 24.61 x 9.44			
	Net Weight (Kg / lb)	4.5 / 9.92	6.21 / 13.69	6.45 / 14.21	8.80 / 19.40	12.90 / 28.43	23.70 / 52.24	34.15 / 75.28		
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand		
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel		
Power	Consumption	< 24 watts	< 27 watts	< 33 watts	< 44 watts	< 55 watts	< 125 watts	< 156 watts		
	Electrical Ratings	AC 100-240 V (50/60Hz) DC 12 V, 3.33 A	AC 100-240 V (50/60Hz) DC 12 V, 3.33 A	AC 100-240 V (50/60Hz) DC 12 V, 5 A	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A		
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F		
	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F		
Mounts	VESA Mounts Size (mm)	100 x 100	100 x 100	100 x 100	200 x 100	200 x 200	400 x 300	400 x 300		
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01 with FMA-01	CMH-01	CMH-01		
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-2642	WB-4663	WB-4663		
	Rack Mount	RMK-19	RMK-19	RMK-08	N/A	N/A	N/A	N/A		

Sunlight Readable Series

OIC Korea Sunlight readable LCD monitors offer enhanced ultra-high brightness LCD color display for high ambient light applications.

These Transflective enhanced anti-glare displays are readable under all lighting conditions including direct or indirect sunlight - the stronger the ambient light the brighter the image.

The advantage of Transflective technology is that there is no extra heat generation lower power consumption, contrast and brightness is naturally brighter to help preserve the life of the back light.

They are designed for use in applications such as industrial machinery, kiosk, ATM machines and menu boards.



■ SPECIFICATION of SUNLIGHT READABLE & HIGH BRIGHTNESS

General Features		15RTCSR	17RTCSR	19RTCSR	32RTCSR	42RTHSR	46RTHSR	55RTHSR
Display	Screen Size	15.0"	17.0"	19.0"	31.55"	42.0"	46.0"	55.0"
	Resolution	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Pixel Pitch (mm)	0.297 x 0.297	0.264 x 0.264	0.294 x 0.294	0.3637 x 0.3637	0.4845 x 0.4845	0.530 x 0.530	0.63 x 0.63
	Brightness	1000 cd/m ²	1000 cd/m ²	1000 cd/m ²	1000 cd/m ²	1000 cd/m ²	2500 cd/m ²	2500 cd/m ²
	Brightness (Outdoor 80K)	1500 cd/m ²	1500 cd/m ²	1500 cd/m ²	1500 cd/m ²	1500 cd/m ²	2500 cd/m ²	2500 cd/m ²
	Contrast Ratio	700:1	1000:1	1000:1	1300:1	1300:1	5000:1	1300:1
	Aspect Ratio	4:3	5:4	5:4	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	160/130 degrees	170/160 degrees	170/160 degrees	178/178 degrees	176/176 degrees	178/178 degrees	178/178 degrees
	Display Color	16.2 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
	Response Time	8 ms	5 ms	5 ms	22 ms	5 ms	6 ms	6 ms
Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
Interface	DVI In/HDMI In	0/1	1/2	1/2	1/2	1/2	1/2	1/2
	Video In/Out (BNC Type)	2/2	2/2	2/2	2/2	2/2	2/2	2/2
	S-Video In/Out	1/0	1/1	1/1	1/1	1/1	1/1	1/1
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1
	Audio L/R In (RCA Type)	1	2	2	2	2	2	2
	PC Stereo In	1	1	1	1	1	1	1
Audio	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)	Y (7.5W*2)	Y (7.5W*2)	Y (7.5W*2)
Transmitter	Remote Control	Y	Y	Y	Y	Y	Y	Y
Special Features	Multi Display Function	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
	Auto Pixel shift	N	N	N	Y	Y	Y	Y
	Advanced Auto Power recovery	Y	Y	Y	Y	Y	Y	Y
	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter
	Deinterlacing	Y	Y	Y	Y	Y	Y	Y
	Trigger Source Switching	N	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)
	LCD Protection Glass	N	Y	Y	N	N	N	N
	Noise reduction	Y	Y	Y	Y	Y	Y	Y
	ransflective Enhancement	Y	Y	Y	Y	Y	Y	Y
	RS-232c Control	N	N	N	Y	Y	Y	Y
Auto source sequencing	Y	Y	Y	Y	Y	Y	Y	
Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	
Dimension	Outline Dimension (mm)	347.0 x 296.0 x 81.0	379.0 x 336.0 x 87.1	416.0 x 365.0 x 87.0	732.0 x 484.0 x 160.0	959.4 x 614.0 x 240.0	1050.0 x 604.0 x 240.0	1244.0 x 772.0 x 240.0
	Outline Dimension (inch)	13.66 x 11.65 x 3.18	14.92 x 13.22 x 3.42	16.37 x 14.37 x 3.42	28.81 x 19.05 x 6.29	37.77 x 24.17 x 9.44	41.33 x 23.77 x 9.44	48.97 x 30.39 x 9.44
	Net Weight (Kg / lb)	4.15 / 9.14	5.35 / 11.79	6.25 / 13.77	13.75 / 30.31	22.0 / 48.50	30.0 / 66.13	35.0 / 77.16
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 35 watts	< 40 watts	< 45 watts	< 150 watts	< 230 watts	< 280 watts	< 300 watts
	Electrical Ratings	AC 100-240 V (50/60Hz) DC 12 V	AC 100-240 V (50/60Hz) DC 24 V	AC 100-240 V (50/60Hz) DC 24 V	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A	AC 100-240 V (50/60Hz) N/A
Circumstance	Operating Temperature	0 ~ 65°C / 32 ~ 149°F	0 ~ 50°C / 32 ~ 122°F	0 ~ 50°C / 32 ~ 122°F	0 ~ 50°C / 32 ~ 122°F	0 ~ 50°C / 32 ~ 122°F	0 ~ 50°C / 32 ~ 122°F	0 ~ 50°C
	Storage Temperature	-20 ~ 65°C / -4 ~ 149°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size (mm)	100 x 100	100 x 100	100 x 100	200 x 200	400 x 300	400 x 300	400 x 300
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01 with FMA-01	CMH-01	CMH-01	CMH-01
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-2642	WB-2642	WB-2642	WB-2642
	Rack Mount	RMK-08	RMK-08	RMK-08	N/A	N/A	N/A	N/A

Premium 4:3 ASPECT RATIO Series

4:3 Premium RTC series provide rich monitor line with ruggedized design for high protection of your asset.



■ SPECIFICATION of RTC

General Features		15RTC	17RTC	19RTC
Display	Screen Size	15.0"	17.0"	19.0"
	Resolution	1024 x 768	1280 x 1024	1280 x 1024
	Pixel Pitch (mm)	0.297 x 0.297	0.264 x 0.264	0.0976 x 0.2928
	Brightness	300 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast Ratio	700:1	1000:1	1000:1
	Aspect Ratio	4:3	5:4	5:4
	Viewing Angle (H/V)	160/160	170/160	178/178
	Display Color	16.2 million	16.7 million	16.7 million
	Response Time	< 8 ms	< 5 ms	< 14 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	DVI In/HDMI In	0/1	1/2	1/2
	Video In/Out (BNC Type)	2/2	2/2	2/2
	S-Video In/Out	1/0	1/1	1/1
	VGA In (15Pin D-Sub)	1	1	1
	Audio L/R In (RCA Type)	1	2	2
Audio	PC Stereo In	1	1	1
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	N	Y	Y
	Multi Display Function	N	PIP/PBP	PIP/PBP
Special Features	Filter Type	3D Adaptive Deinterlacer	3D Comb Filter	3D Comb Filter
	Deinterlacing	Y	Y	Y
	Trigger Source Switching	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)
	LCD Protection Glass	Y (OPTION)	Y (OPTION)	Y (OPTION)
	Noise reduction	Y	Y	Y
	Auto source sequencing	Y	Y	Y
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
	Outline Dimension w/ Stand(mm)	347.0 x 296.0 x 81.0	379.0 x 336.0 x 87.0	416.0 x 365.0 x 87.0
	Outline Dimension w/ Stand(inch)	13.66 x 11.65 x 3.18	14.92 x 13.22 x 3.42	16.37 x 14.37 x 3.42
	Net Weight (Kg / lb)	4.15 / 9.14	5.35 / 11.79	6.25 / 13.77
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 17 watts	< 18 watts	< 24 watts
	Electrical Ratings	AC 100~240 V (50/60Hz) DC 12 V	AC 100~240 V (50/60Hz) DC 12 V	AC 100~240 V (50/60Hz) DC 12 V
Circumstance	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size (mm)	100 x 100	100 x 100	100 x 100
	Ceiling Mount	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-5, 10, 30, 31
	Rack Mount	RMK-08	RMK-08	RMK-08

Public View Monitor Series

OIC Korea Public View Monitor(PVM) with a built in camera and motion detection sensor is a highly effective theft deterrent tool in creating public awareness that a security surveillance systems are in place.



■ SPECIFICATION of PVMV

General Features		19PVMV	23PVMV	27PVMV	
Display	Screen Size	19.0"	23.0"	27.0"	
	Resolution	1280 x 1024 pixels	1920 x 1080 pixels	1920 x 1080 pixels	
	Pixel Pitch	0.294 x 0.294 mm	0.265 x 0.265 mm	0.3114 x 0.3114 mm	
	Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²	
	Contrast Ratio	1000:1	1000:1	1000:1	
	Aspect Ratio	5:4	16:9	16:9	
	Viewing Angle (H/V)	170/160	170/160	178/178	
	Display Color	16.7 million	16.7 million	16.7 million	
	Response Time	< 5 ms	< 5 ms	< 8 ms	
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	
Interface	HDMI In	1	1	1	
	Video In/Out (BNC Type)	1/2 (Included Cam Out)	1/2 (Included Cam Out)	1/2 (Included Cam Out)	
	VGA In (15Pin D-Sub)	1	1	1	
	Audio In (RCA Type)	1	1	1	
Audio	PC Stereo In	1	1	1	
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	
Transmitter	Remote Control	Y	Y	Y	
	Multi Display Function	PIP	PIP	PIP	
Special Features	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter	
	Deinterlacing	Y	Y	Y	
	LCD Protective Shield	N	N	N	
	Noise reduction	Y	Y	Y	
	Auto source sequencing	Y	Y	Y	
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	
	Motion Detection	PIR Motion Sensor	PIR Motion Sensor	PIR Motion Sensor	
	Camera Type	WDR	WDR	WDR	
	Mechanical Design	Tilt Swivel Camera	Tilt Swivel Camera	Tilt Swivel Camera	
	Image Sensor	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	
Camera	S/N Ratio	>52dB	>52dB	>52dB	
	Resolution	Horizontal : 600 TV Lines	Horizontal : 600 TV Lines	Horizontal : 600 TV Lines	
	Lens Mount	2.8-12mm Vari-focal	2.8-12mm Vari-focal	2.8-12mm Vari-focal Lens(F=1.4)	
	Sensitivity (Normal/DSS)	0.05 /0.0001 Lux	0.05 /0.0001 Lux	0.05 /0.0001 Lux	
	Electronoc Shutter	1/60 ~ 1/100,000 sec	1/60 ~ 1/100,000 sec	1/60 ~ 1/100,000 sec	
	Dimension	Outline Dimension w Stand (mm)	418 x 401.5 x 80.0	550 x 387.5 x 80.0	654 x 451.5 x 80.0
		Outline Dimension w Stand (inch)	16.45 x 15.80 x 3.14	21.65 x 15.25 x 3.14	25.74 x 17.77 x 3.14
	Cabinet	Net Weight (Kg / lb)	6.50 / 14.33	7.2 / 15.87	10.7 / 23.58
		Cabinet color	Black	Black	Black
	Power	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Consumption		< 30 watts	<40 watts	< 50 watts	
Circumstance	AC Inputs	DC 12 V	DC 12 V	DC 12 V	
	DC Inputs	N/A	N/A	N/A	
Mounts	Operating Temperature	0 ~ 40°C / 0 ~ 104°F	0 ~ 40°C / 0 ~ 104°F	0 ~ 40°C / 0 ~ 104°F	
	Storage Temperature	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F	
Mounts	VESA Mounts Size (mm)	100 x 100	100 x 100	200 x 200	
	Ceiling Mount	CMK-01	CMK-01	CMK-01 with FMA-01	
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-2642	

LED Display Series (Indoor/Outdoor)

With the support of advanced technology, OIC Korea builds up world-class standard for LED display featuring beautiful image, durable stability, all weather proof, low power consumption, wide viewing angle and super protection rating.



Model (Indoor)	REL12N	REL16N	REL19N	REL25N	REL31N	REL39N	REL48N
Pixel Pitch(mm)	1.2	1.6	1.9	2.5	3.1	3.9	4.8
Pixel Density(pixels/m ²)	621521	349605	267667	155380	102400	65536	43264
Pixel Configuration	SMD LED	SMD LED	SMD LED	SMD LED	SMD LED	SMD LED	SMD LED
Panel Size(WxHxD:mm)	650x365x88	650x365x88	650x365x88	650x365x88	500x750x70	500x750x70	500x750x70
Panel Resolution(WxH)	512x288	384x216	336x189	256x144	160x240	128x192	104x156
Panel Type and Material	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Iron	Iron	Iron
Weight(kg/pcs)	7.8	7.8	7.8	7.8	22	22	22
White balance brightness(nits)	600	600	600	800	1000	1000	900
Avg. AC Power Consumption(W/m ²)	188	145	143	105	135	130	120
Max. AC Power Consumption(W/m ²)	750	580	570	420	540	520	480
Voltage(V)	AC 100-240	AC 100-240	AC 100-240	AC 100-240	AC 100-240	AC 100-240	AC 100-240
Serviceability	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear
Viewing Angle(Deg.)	160(H)/160(V)	160(H)/160(V)	160(H)/160(V)	160(H)/160(V)	160(H)/160(V)	160(H)/160(V)	160(H)/160(V)
Refresh Rate(Hz)	1920/2880/3840	1920/2880/3840	1920/2880/3840	1920/2880/3840	1920/2880/3840	1920/2880/3840	1920/2880/3840
Gray Level(Bit)	12/14/16	12/14/16	12/14/16	12/14/16	12/14/16	12/14/16	12/14/16
Contrast Ratio	8000:1	8000:1	8000:1	8000:1	6500:1	6500:1	6500:1
Color Temperature(K)	2000≤TC≤10000 adjustable	2000≤TC≤10000 adjustable	2000≤TC≤10000 adjustable	2000≤TC≤9300 adjustable	2000≤TC≤10000 adjustable	2000≤TC≤10000 adjustable	2000≤TC≤10000 adjustable
Brightness Adjustment	Programmable/auto/manual	Programmable/auto/manual	Programmable/auto/manual	Programmable/auto/manual	Programmable/auto/manual	Programmable/auto/manual	Programmable/auto/manual
Color Calibration	Brightness and chroma calibration	Brightness and chroma calibration	Brightness and chroma calibration	Brightness and chroma calibration	Brightness and chroma calibration	Brightness and chroma calibration	Brightness and chroma calibration
Protection Grade	IP30	IP30	IP30	IP30	IP20	IP20	IP20
Operating Temp / Humidity (°C/°F/%RH)	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90	-20~50°C / -4~131°F / 10~90
Storage Temp / Humidity (°C/°F/%RH)	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90	-40~60°C / -40~140°F / 0~90
Lifetime (hours)	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Compliant Standard	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC
Model (Outdoor)	REA48T	REA58T	REA68T	REA80T	REA10T	REA12T	
Pixel Pitch (mm)	4.8	5.85	6.85	8.0	10.0	12.0	
Panel Size(mm)	480mm(H)x480mm(V)	480mm(H)x480mm(V)	480mm(H)x480mm(V)	480mm(H)x480mm(V)	480mm(H)x480mm(V)	480mm(H)x480mm(V)	
Calibrated Brightness (nits)	6000	6000	6000	6000	6000	6000	
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	
Operating Environment	Temperature : -20°C~-50°C Humidity : 10%~90%RH	Temperature : -20°C~-50°C Humidity : 10%~90%RH	Temperature : -20°C~-50°C Humidity : 10%~90%RH	Temperature : -20°C~-50°C Humidity : 10%~90%RH	Temperature : -20°C~-50°C Humidity : 10%~90%RH	Temperature : -20°C~-50°C Humidity : 10%~90%RH	
Lifetime (hours)	100,000	100,000	100,000	100,000	100,000	100,000	
Protection Grade	IP65	IP65	IP65	IP65	IP65	IP65	
Color	20 bit	20 bit	20 bit	20 bit	20 bit	20 bit	

Indoor & Outdoor Enclosure Series

The OIC Korea enclosure is protective indoor, outdoor sealed to IP56 and durable against the effects of heavy rain, dust, extremes temperature, high impact forces and electrical surges. LCD enclosures are available in sizes 19" up to 70" and the perfect solution for outdoor locations or any area where vandalism may be a concern.



■ SPECIFICATION of ENCL

General Features	ENCL-A19	ENCL-A24	ENCL-A32	ENCL-A42	ENCL-A46	ENCL-A55	ENCL-A70
Enclosure	19.0"	24.0"	32.0"	42"	46"	55	70"
Window (W x H / Inch)	15.1 x 12.2	21.9 x 13.4	28.7 x 17.6	37.8 x 20.9	40.2 x 22.8	46.4 x 27.5	53.4 x 31.5
IP/NEMA Rating	IP56 / NEMA4	IP56 / NEMA4	IP56 / NEMA4	IP56 / NEMA4	IP56 / NEMA4	IP56 / NEMA4	IP56 / NEMA4
Interior Mounting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual Security Locks	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Filter Fans	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-Reflective Window	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Air Curtain	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Plenum Chamber	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension (mm)	546.1 x 500.4 x 213.4	721.4 x 523.2 x 213.4	894.1 x 629.9 x 231.1	1125.2 x 759.5 x 231.1	1259.8 x 850.9 x 228.6	1430.0 x 975.4 x 231.1	1747.5 x 1150.6 x 246.4
Dimension (Inch)	21.5 x 19.70 x 8.40	28.40 x 20.59 x 8.40	35.20 x 24.79 x 9.09	44.29 x 29.90 x 9.09	49.59 x 33.50 x 9.0	56.29 x 38.40 x 9.09	68.79 x 45.29 x 9.70
Net. Weight (Kg/lb)	19.96 / 44.0	25.58 / 56.39	30.94 / 68.21	37.51 / 82.69	40.14 / 88.49	50.94 / 112.30	91.72 / 202.20
Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Color	Black	Black	Black	Black	Black	Black	Black
Operating Temperature	0 ~ 40°C / 32 ~ 104°F						

Mount & Accessory List

■ SPECIFICATION of Additional Mounts

WB-5 Flat Wall mount	WB-10 3 Directional	WB-30 Swing Out	WB-31 Swing Out Arm
<ul style="list-style-type: none"> Fits most 13" to 27" flat panel VESA™ 75 x 75mm, 100 x 100mm Max weight 29.94 kg 	<ul style="list-style-type: none"> Fits 8" to 24" flat panel Tilt UP / Down 180° Pivot 180°, Swivel L/R 90° VESA™ 75 x 75mm, 100 x 100mm Max weight 14.97 kg 	<ul style="list-style-type: none"> Fits 8" to 24" flat panel 90° Swing Left/Right Tilt +/- 15° Pivot 360° Extends 2" to 14.6" VESA™ 75 x 75mm, 100 x 100mm Max weight 14.97 kg 	<ul style="list-style-type: none"> Fit 15" - 32" Flat panel 90° Swing Left/Right Tilt +5° ~ -15° Extends 1.8" to 20" VESA™ 75 / 100 / 200mm Max weight 34.93 kg

FMA-01 Flat Mount Adapter Plate	CMA-01 Single Lower Mount	CMA-02 Dual Lower Mount	CMK-01 Flat Panel
<ul style="list-style-type: none"> Flat Metal Plate VESA™ 50 x 50 mm or 75 x 75mm, 100 x 100mm, 200 x 100mm, 200 x 200mm Compatible with WB-10, WB-30, WB-31 and CMK-01 Mounts 	<ul style="list-style-type: none"> Fits 15" to 42" flat panel Lower Assembly Mount -12° ~ +5° tilt VESA™ 75 x 75mm, 100 x 100mm, 100 x 200mm, 200 x 200mm 	<ul style="list-style-type: none"> Mount two flat panel Fit 15" to 42 flat panel -12° ~ +5° tilt VESA™ 75 x 75mm, 100 x 100mm, 100 x 200mm, 200 x 200mm 	<ul style="list-style-type: none"> Fits 15" to 37" flat panel Mounting profile 20" to 33" +/- 20° tilt 180° swivel VESA™ 75 x 75mm, 100 x 100mm, 200 x 100mm, 200 x 200mm Cable pass through Max weight 29.94 kg

CMK-01S Flat Panel	CMH-01 Ceiling Flat Panel	WB-S3763 Swing Out Arm	WB-2642 Slim Tilt
<ul style="list-style-type: none"> Fits 10" to 23" flat panel Mounting profile 20" to 30" +/- 15° tilt 180° swivel VESA™ 75 x 75mm, 100 x 100mm Cable pass through Max weight 24.95 kg 	<ul style="list-style-type: none"> Supports 37" to 63" flat panel Tilt +/- 15° No adapters needed 360° rotation Mounting profile 41" to 63" Max. VESA™ 800 x 400mm up to 810 x 480mm Suspends from ceiling w/ 1.5" NPT Max weight 74.84 kg 	<ul style="list-style-type: none"> Fit 37" to 90" Flat panel Extends from 2.8" to 25" Tilt +5°/-15° Swivel +60°/-60° Mounting patterns up to 815 x 410mm Max weight 74.84 kg 	<ul style="list-style-type: none"> Fit 32" to 55" Flat panel Depth from Wall 1.5" 8° adjustable tilt Mounting patterns 200 x 200, 400 x 200, 300 x 300, 400 x 400, 400 x 300 up to 435 x 405 mm Max weight 74.84 kg

WB-4663 Slim Tilt	WB-7080	WBSL2 Push-Out	RMK-08 Rack Mount Kit
<ul style="list-style-type: none"> Fits 37" to 70" flat panel Depth from Wall 1.8" 10° adjustable tilt Mounting patterns up to 805 x 410mm Max weight 74.84 kg 	<ul style="list-style-type: none"> Fits 55" to 98" flat panel Depth from wall 3.35" 12° adjustable tilt Mounting patterns 200x200mm to 900x735mm Max weight 136.0 kg 	<ul style="list-style-type: none"> Push in - Pop out Fits 37" to 75" flat panel Extends up to 10.69" for easy access and wiring. Tool-free easy installation Max VESA™ 800x400mm Max weight 91kg 	<ul style="list-style-type: none"> Fits from single or dual 8" up to 19" LCD monitors Built in Tilt function 2° continuously adjustable tilt VESA™ 75 x 75mm, 100 x 100mm Max weight 9.07 kg

SPECIALIZING IN MONITOR & VIDEO PROCESSING

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ORION TECHNICAL REFERENCE 2019

4K UHD

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ORION PRODUCT LINE

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