

O/C KOREA

O/C
OTR/X

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 ceertified 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 prooudly offers the following markets and applications.

- Security
- Command & Control Centers
- Government
- Defense & Military
- Transportation & Transit
- Finanacial
- 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.

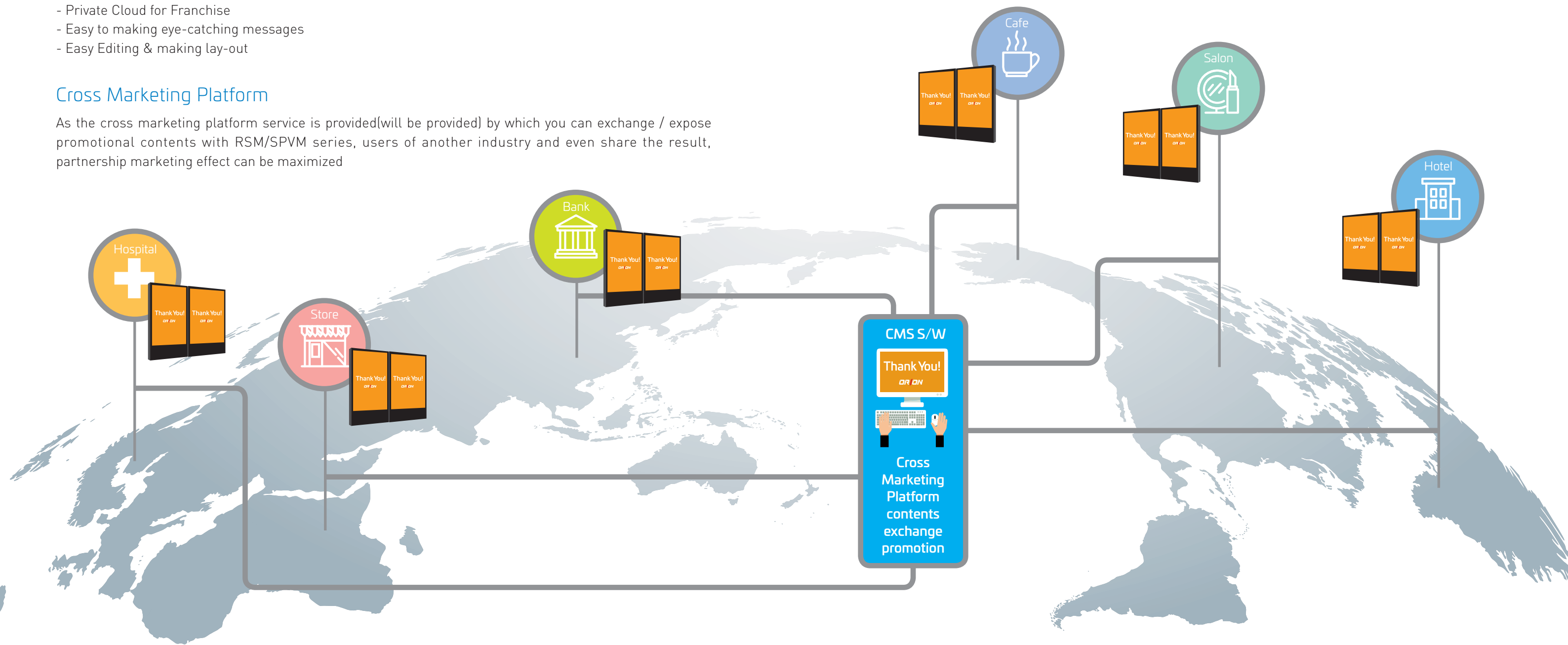
SPVM Series is based on IPHPVM Series with video analytics and RSM Series features. IPHPVM Series monitors are the public view monitors with a built-in IP-Camera. Video analytics in SPVM Series include people counting, movement directions, face detection, emotion analytics and more. With built-in IP-Camera,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

Signage Monitor Series

Digital Signage Monitor RSM series come with embedded Android system with CMS support will lead to the most comprehensive and advanced digital world in commercial advertising.



■ SPECIFICATION of RSM

| General Features | | 23RSM | 27RSM | 32RSM | 43RSM | 49RSM | 55RSM |
|------------------|-----------------------------------|-------------------------------------|----------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Display | Screen Size | 23.0" | 27.0" | 31.55" | 42.51" | 48.50" | 55.0" |
| | Resolution | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 |
| | Pixel Pitch (mm) | 0.2652 x 0.2652 | 0.3114 x 0.3114 | 0.3637 x 0.3637 | 0.4902 x 0.4902 | 0.5592 x 0.5592 | 0.630 x 0.630 |
| | Brightness | 250 cd/m² | 300 cd/m² | 400 cd/m² | 450 cd/m² | 700 cd/m² | 500 cd/m² |
| | Contrast Ratio | 1000:1 | 1000:1 | 1100:01:00 | 1100:1 | 1300:1 | 4000:1 |
| | Aspect Ratio | 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 |
| | Display Color | 16.7 million | 16.7 million | 16.7 million | 16.7 million | 1.07 billion | 16.7 million |
| | Response Time | 14 ms | 14 ms | 10 ms | 12 ms | 8 ms | 8 ms |
| | Video System | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL |
| Interface | DVI In/HDMI In | 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 |
| | S-Video In/Out | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 |
| | VGA In (15Pin D-Sub) | 1 | 1 | 1 | 1 | 1 | 1 |
| | Ethernet | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) |
| | Audio L/R In (RCA Type) | 2 | 2 | 2 | 2 | 2 | 2 |
| | PC Stereo In | 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) |
| Transmitter | Remote Control | Y | Y | Y | Y | Y | Y |
| Android PC | 4.20S Quad Core | Built-in | Built-in | Built-in | Built-in | Built-in | Built-in |
| | Internal Memory | 8GB | 8GB | 8GB | 8GB | 8GB | 8GB |
| | Wifi | 802.1b/g/n | 802.1b/g/n | 802.1b/g/n | 802.1b/g/n | 802.1b/g/n | 802.1b/g/n |
| Special Features | Multi Display Function | PIP | PIP | PIP | PIP | PIP | PIP |
| | Auto source sequencing | 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 |
| | Touch Screen | Optional (IR, P-cap, Resistive, Sa) | | | | | |
| Dimension | Outline Dimension w/ Stand (mm) | 552.0 x 353.0 x 92.0 | 640.0 x 429.0 x 160.0 | 732.0 x 486.3 x 160.0 | 969.4 x 625.4 x 240.0 | 1108 x 637.8 x 240.0 | 1244 x 772 x 240.0 |
| | Outline Dimension w/ Stand (inch) | 21.73 x 13.89 x 3.62 | 25.19 x 16.88 x 6.29 | 28.81 x 19.14 x 6.29 | 38.16 x 24.62 x 9.44 | 43.62 x 25.11 x 9.44 | 48.97 x 30.39 x 9.44 |
| Cabinet | Net Weight (Kg / lb) | 6.25 / 13.77 | 9.00 / 19.84 | 12.80 / 28.21 | 22 / 48.50 | 32 / 70.54 | 35 / 77.16 |
| | Cabinet color | Black | Black | Black | Black | Black | Black |
| Power | Cabinet Material | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel |
| | Consumption | < 22 watts | < 35 Watts | < 52 watts | < 60 watts | < 65 watts | < 70 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) N/A | AC 100-240 V (50/60Hz) N/A | AC 100-240 V (50/60Hz) N/A |
| Circumstance | Operating Temperature | 0-40°C/0-104°F | 0-40°C/0-104°F | 0-40°C/0-104°F | 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 | -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 | 200 x 100 | 200 x 200 | 200 x 200 | 300 x 300 | 400 x 300 |
| | Ceiling Mount | CMK-01 | CMK-01 with FMA-01 | CMK-01 with FMA-01 | CMK-01 with FMA-01 | CMK-01 with FMA-01 | CMK-01 with FMA-01 |
| | Wall | WB-5, 10, 30, 31 | WB-5, 10, 30, 31 | WB-2642 | WB-2642 | WB-2642 | WB-2642 |

Signage Public View Monitor

Digital Signage Public View Monitor SPVM series come with embedded Android system with CMS and built-in 1080p camera including motion detect support will lead to the most comprehensive and advanced digital world in both commercial advertising and surveillance industry.

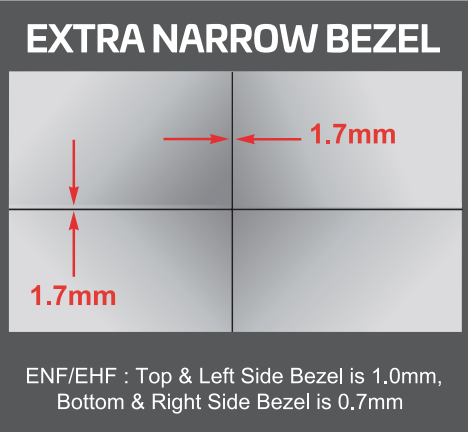


■ SPECIFICATION of SPVM

| General Features | | 10SPVM | 23SPVM | 27SPVM | 32SPVM | 43SPVM | 55SPVM |
|------------------|-----------------------------------|--------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Display | Screen Size | 10.1" | 23.0" | 27.0" | 31.55" | 42.51" | 54.64" |
| | Resolution | 1280 x 800 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 | 1920 x 1080 |
| | Pixel Pitch (mm) | 0.1695 x 0.1695 | 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 | 350 cd/m² | 250 cd/m² | 300 cd/m² | 400 cd/m² | 450 cd/m² | 450 cd/m² |
| | Contrast Ratio | 800:1 | 1000:1 | 1000:1 | 1100:1 | 1100:1 | 1100:1 |
| | Aspect Ratio | 16:10 | 16:9 | 16:9 | 16:9 | 16:9 | 16:9 |
| | Viewing Angle (H/V) | 170/170 | 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 |
| | Response Time | 15 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 |
| Interface | HDMI In | 0 | 1 | 1 | 1 | 1 | 1 |
| | Video In/Out (BNC Type) | 1 / 1 (Cam Out) | 1/2 (1-Cam Out) | 1/2 (1-Cam Out) | 1/2 (1-Cam Out) | 1/2 (1-Cam Out) | 1/2 (1-Cam Out) |
| | VGA In (15Pin D-Sub) | 0 | 1 | 1 | 1 | 1 | 1 |
| | IP H.264 ONVIF Out | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) | 1 (RJ45) |
| | Audio In (RCA Type) | 0 | 1 | 1 | 1 | 1 | 1 |
| | PC Stereo In | 0 | 1 | 1 | 1 | 1 | 1 |
| | Built in Speakers | Y (1W x 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 |
| Special Features | Multi Display Function | 0 | PIP | PIP | PIP | PIP | PIP |
| | Filter Type | 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 |
| | LCD Protective Shield | N | N | N | Y | Y | Y |
| | Noise reduction | Y | Y | Y | Y | Y | Y |
| | Video Recording | Slot for Micro SD Card | N/A | N/A | N/A | N/A | N/A |
| | Media Player | Slot for Micro SD Card | N/A | N/A | N/A | N/A | N/A |
| | Auto source sequencing | N | 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 | Eng, SP, FR | Eng, SP, FR |
| | Motion Detection | Digital Motion | Digital Motion | Digital Motion | Digital Motion | Digital Motion | Digital Motion |
| Camera | Camera Type | WDR | WDR | WDR | WDR | WDR | WDR |
| | Mechanical Design | pin Hole Camera | Tilt Swivel Camera | Tilt Swivel Camera | Tilt Swivel Camera | Tilt Swivel Camera | Tilt Swivel Camera |
| | Image Sensor | 1/3" Sony 1.3MP CMOS | 1/3" Panasonic 2.2MP CMOS | 1/3" Panasonic 2.2MP CMOS | 1/3" Panasonic 2.2MP CMOS | 1/3" Panasonic 2.2MP CMOS | 1/3" Panasonic 2.2MP CMOS |
| | S/N Ratio | >50dB | >50dB | >50dB | >50dB | >50dB | >50dB |
| | Resolution | Horizontal 960TV Lines | Horizontal : 1000 TV Lines | Horizontal : 1000 TV Lines | Horizontal : 1000 TV Lines | Horizontal : 1000 TV Lines | Horizontal : 1000 TV Lines |
| | Lens Mount | 3.6mm | 2.8 - 12mm Vari-focal Lens(F=1.4) | 2.8 - 12mm Vari-focal Lens(F=1.4) | 2.8 - 12mm Vari-focal Lens(F=1.4) | 2.8 - 12mm Vari-focal Lens(F=1.4) | 2.8 - 12mm Vari-focal Lens(F=1.4) |
| | Sensitivity (Normal/DSS) | 0.01 Lux | 0.1 /0.002 Lux | 0.1 /0.002 Lux | 0.1 /0.002 Lux | 0.1 /0.002 Lux | 0.1 /0.002 Lux |
| | Electronoc Shutter | 1/10 ~ 1/10,000 Sec | 1/60 ~ 1/60,000 sec | 1/60 ~ 1/60,000 sec | 1/60 ~ 1/60,000 sec | 1/60 ~ 1/60,000 sec | 1/60 ~ 1/60,000 sec |
| | Outline Dimension w/ Stand (mm) | 244.9 x 189.0 x 35.1 | 552 x 387.5 x 105.0 | 654.0 x 451.5 x 105.0 | 754.0 x 513.5 x 112.4 | 969.4 x 591.3 x 80.0 | 1244 x 772 x 240.0 |
| | Outline Dimension w/ Stand (inch) | 9.64 x 7.44 x 1.38 | 21.73 x 15.25 x 4.13 | 25.74 x 17.77 x 4.13 | 29.68 x 20.21 x 4.42 | 38.16 x 23.27 x 3.14 | 48.97 x 30.39 x 9.44 |
| Dimension | Net Weight (kg / lb) | 2.20 / 4.85 | 9.98 / 22.00 | 10.70 / 23.58 | 15.65 / 34.50 | 22.00 / 48.50 | 35.00 / 77.16 |
| | Cabinet color | 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 |
| Power | Consumption | < 12 watts | < 40 watts | < 50 Watts | < 60 watts | < 80 watts | < 150 watts |
| | AC Inputs | 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) |
| | DC Inputs | DC12 - 24V or PoE | N/A | N/A | N/A | N/A | N/A |
| Circumstance | Operating Temperature | 0-40°C/0-104°F | 0-40°C/0-104°F | 0-40°C/0-104°F | 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 | -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 | 200 x 200 | 200 x 200 | 200 x 200 | 300 x 300 | 400 x 400 |
| | Ceiling Mount | CMK-01 | CMK-01 | CMK-01 | CMK-01 | CMK-01 | CMK-01 |
| | Wall | WB-5, 10, 30 | WB-2642 | WB-2642 | WB-2642 | WB-2642 | WB-2642 |

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/m² | 500 cd/m² | 700 cd/m² | 500 cd/m² | 700 cd/m² | 450 cd/m² | 700 cd/m² | 500 cd/m² | 700 cd/m² | 500 cd/m² | 700 cd/m² | 500 cd/m² | 700 cd/m² |
| | 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 saolution for any place and any applications.



■ SPECIFICATION of R4-K (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) |
| Display | Screen Size | 42.51" | 48.5" | 54.64" | 64.53" | 75.0" | 85.6" | 97.52" |
| | 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/m² | 500 cd/m² | 500 cd/m² | 500 cd/m² | 500 cd/m² | 500 cd/m² | 500 cd/m² |
| | 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 | 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 |
| | Audio Out | 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) | 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 |
| Cabinet | Net Wweight (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 |
| | 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 | < 100 W | < 120 W | < 190 W | < 150 W | < 390 W | < 310 W | < 590 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°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 | -20~65°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 | 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 |
| Transmitter | Built in Speakers | Y | Y | Y | Y |
| | Remote Control | Y | Y | Y | Y |
| Special Features | Multi Display Function | Y | Y | Y | Y |
| | Noise Reduction | Y | Y | Y | Y |
| | Aspect Ratio Change | Y | Y | Y | Y |
| | Deinteracing | Y | Y | Y | Y |
| | Auto Pixel Shift | Y | Y | Y | Y |
| Dimension | Gamma Selection | Y | Y | Y | Y |
| | 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 |
| Cabinet | Net Weight (Kg / lb) | 8.0 / 17.63 | 18.0 / 39.68 | 35.0 / 77.16 | 70.0 / 154.32 |
| | Cabinet color | Black | Black | Black | Black |
| Power | Cabinet Material | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel |
| | Consumption | < 45 W | < 61 W | < 125 W | < 390 W |
| Circumstance | 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) |
| | 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

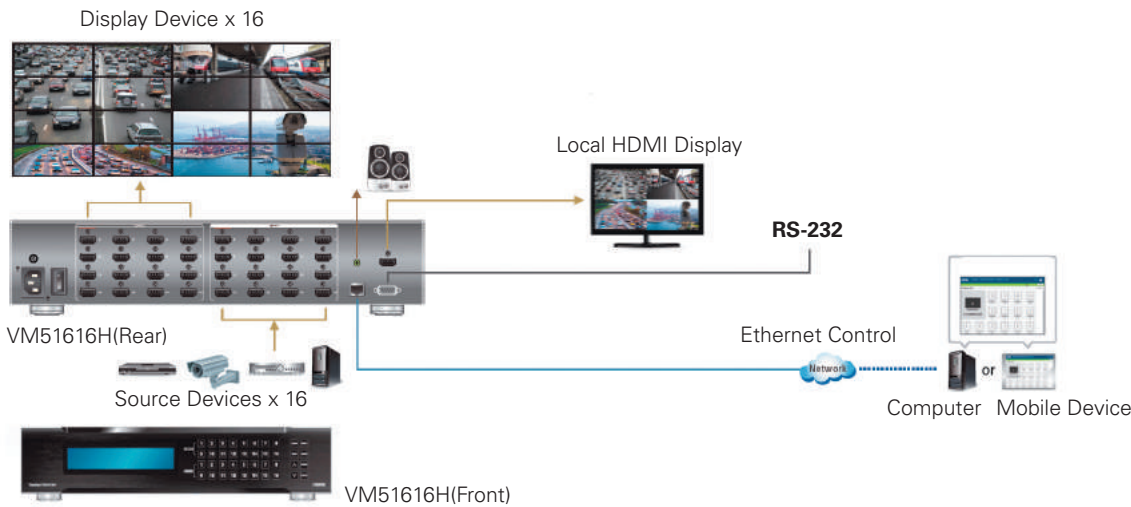
Video Wall Controller

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:55W;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 ans Outputs, Multiple Video Wall Configurations
- Optional MPE8 Expnsion 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/m² | 300 cd/m² | 300 cd/m² | 250 cd/m² | 300 cd/m² | 300 cd/m² | 300 cd/m² | 300 cd/m² | 300 cd/m² |
| | 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 |
| | 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 | |
| Interface | 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 In | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Audio Out | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Audio | 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) |
| Transmitter | Remote Control | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Special Feature | 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 |
| | Multi Lingual Language | English, Chinese | English, Chinese | English, Chinese | English, Chinese | English, Chinese | English, Chinese | English, Chinese | English, Chinese | English, Chinese |
| Dimension | 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 |
| | 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 | Cabinet color / Base Stand | Black / Yes | Black / Yes | Black / Yes | Black / Yes | Black / Yes | Black / Yes | Black / Yes | Black / Yes | Black / Yes |
| | Cabinet Material | ABS Plastic | ABS Plastic | ABS Plastic | ABS Plastic | ABS Plastic | Metal | Metal | Metal | Metal |
| Regulations | | 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 | Consumption : < On | < 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) |
| DC 12V / 3A | | DC 12V / 3A | DC 12V / 3A | DC 12V / 3A | DC 12V / 3A | DC 12V / 3A | - | - | - | - |
| 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 | -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 |
| Mounts | 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-2642 | WB-4663 | WB-4663 | WB-4663 |
| | Rack mount | RMK-08 | RMK-08 | RMK-08 | 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 fucntions 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/m² | 350 cd/m² | 250 cd/m² | 250 cd/m² | 250 cd/m² | 300 cd/m² | 400 cd/m² | 450 cd/m² |
| | 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 |
| Interface | Video System | PAL/NTSC | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL |
| | 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 |
| Audio | PC Stereo In | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 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 |
| Dimension | 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 |
| | 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 |
| Cabinet | 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 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 | < 24 watts | < 22 watts | < 35 watts | < 52 watts | < 107 watts |
| | 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) | AC 100-240 V (50/60Hz) | AC 100-240 V (50/60Hz) |
| | | DC 12V | DC 12V | DC 12V | DC 12V | DC 12V | DC 12V | 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 | -20-60°C |
| 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 fucntions.



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/m² | 250 cd/m² | 250 cd/m² |
| | 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 |
| Special Features | Filter Type | 3D Comb | 3D Comb | 3D Comb |
| | 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/m² | 250 cd/m² | 250 cd/m² |
| | 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 Lingual 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 fatures and functions such PIP/PBP, Auto-Source sequesncng (up to 7 sources), trigger alram 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/m² | 250 cd/m² | 250 cd/m² | 300 cd/m² | 400 cd/m² | 450 cd/m² | 450 cd/m² |
| | 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 |
| Interface | Video System | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL |
| | 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 |
| | | 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, |
| | | | 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) |
| | 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 |
| Audio | 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 |
| | 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 |
| Special Features | 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 |
| | 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 |
| Dimension | 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 |
| | 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) | 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) |
| | | DC 12 V, 3.33 A | DC 12 V, 3.33 A | DC 12 V, 5 A | N/A | N/A | 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 |
| | 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/m² | 1000 cd/m² | 1000 cd/m² | 1000 cd/m² | 1000 cd/m² | 2500 cd/m² | 2500 cd/m² |
| | Brightness (Outdoor 80K) | 1500 cd/m² | 1500 cd/m² | 1500 cd/m² | 1500 cd/m² | 1500 cd/m² | 2500 cd/m² | 2500 cd/m² |
| | 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 |
| Interface | Video System | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL | NTSC/PAL |
| | 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 |
| Audio | PC Stereo In | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 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 |
| Dimension | 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 |
| | 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 |
| Cabinet | 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 color/Base Stand | Black/Tilt Back | Black/Tilt Back | Black/Tilt Back | Black/Desktop Stand | Black/Desktop Stand | Black/Desktop Stand | Black/Desktop Stand |
| Power | Cabinet Material | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel |
| | Consumption | < 35 watts | < 40 watts | < 45 watts | < 150 watts | < 230 watts | < 280 watts | < 300 watts |
| | 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 | | DC 12 V | DC 24 V | DC 24 V | N/A | N/A | N/A | N/A |
| | 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 |
| Mounts | 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 |
| | 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 ruggdized 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/m² | 250 cd/m² | 250 cd/m² |
| | 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 |
| Transmitter | Built in Speakers | Y (1W*2) | Y (1W*2) | Y (1W*2) |
| | Remote Control | N | Y | Y |
| | Multi Display Function | N | PIP/PBP | PIP/PBP |
| | | Dual Composite Display | Dual Composite Display | Dual Composite Display |
| 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 |
| Dimension | 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) | AC 100~240 V (50/60Hz) | AC 100~240 V (50/60Hz) |
| | | DC 12 V | DC 12 V | 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.

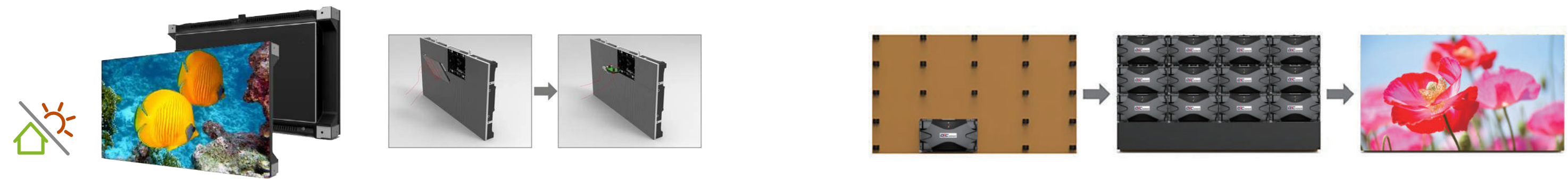


■ SPECIFICATION of PVMV

| 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/m² | 250 cd/m² | 250 cd/m² |
| | 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 |
| | PC Stereo In | 1 | 1 | 1 |
| Audio | Built in Speakers | Y (1W*2) | Y (1W*2) | Y (1W*2) |
| Transmitter | Remote Control | Y | Y | Y |
| Special Features | Multi Display Function | PIP | PIP | PIP |
| | 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 | 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 |
| | 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 |
| | 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 |
| | | 16.45 x 15.80 x 3.14 | 21.65 x 15.25 x 3.14 | 25.74 x 17.77 x 3.14 |
| Dimension | Outline Dimension w Stand (inch) | | | |
| | Net Weight (Kg / lb) | 6.50 / 14.33 | 7.2 / 15.87 | 10.7 / 23.58 |
| Cabinet | Cabinet color | Black | Black | Black |
| | Cabinet Material | Electro-Galvanized Steel | Electro-Galvanized Steel | Electro-Galvanized Steel |
| Power | Consumption | < 30 watts | <40 watts | < 50 watts |
| | AC Inputs | DC 12 V | DC 12 V | DC 12 V |
| | DC Inputs | N/A | N/A | N/A |
| Circumstance | 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/m²) | 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/m²) | 188 | 145 | 143 | 105 | 135 | 130 | 120 |
| Max. AC Power Consumption(W/m²) | 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) | |
| Calibrationed 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 |
| Dimention (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 |
| Dimention (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 x 75mm, 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 | WBLS2 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 IMAGES Corp. (USA Office)

7300 Bolsa Avenue, Westminster, CA 92683
Tel. (714) 766-6300 / Fax. (714) 766-6310

OIC KOREA

OIC KOREA Co., Ltd. (Headquater / Factory)

5F, OIC Korea B/D, 12, Annam-Ro 369beon-Gil, Bupyeong-Gu, Incheon, 21312, Korea
Tel. +82-32-719-7590 / Fax. +82-32-719-7591 / EMAIL. SALES@OICKOREA.COM

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