

4K UHD

OIC KOREA TECHNICAL REFERENCE 2017



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OIC KOREA TECHNICAL REFERENCE
2017 THIRD EDITION

ABOUT OIC KOREA

OIC Korea leads the industry in the design and development of commercial grade LCD monitors certified for use in demanding 24/7/365 operation. Built in our ISO 9001 certified factory OIC Korea monitors are designed to meet the diverse needs of CCTV, Pro A/V and Commercial users. Our manufacturing facility is located in Korea and our global headquarter is in Westminster, California. We have emerged as one of the fastest growing global manufacturers in the development and design of PCB's and LCD monitors. As an Original Equipment Manufacturer (OEM) we have the experience and buying power to provide state of the art monitors with the best technology available by using only the highest quality and most reliable components at competitive prices.

WHAT WE DO

We specialize in designing, developing and manufacturing LCD commercial displays targeting a diverse range of market segments. Offering world class value, reliability and innovative technology in a wide range of screen sizes from 4.3" up to 98" OIC can provide your business with the products necessary to stand apart in today's market. Our highly specialized team is uniquely skilled in customizing monitors offering extensive expertise in consulting, design & build, custom development and support to fit into a variety of applications.

MARKET SEGMENT

Retail, Financial, Transportation & Transit, Command & Control Centers, Defense & Military, Government, Energy & Utilities, Gaming, Department Stores, Convenience Stores, Malls, Public Venue, Leisure, Hospital, Public Safety, Health Care, Museums High Technology Stores, Educational Facilities and much more.

WHY DO BUSINESS WITH OIC KOREA

Our monitors are not built like your traditional consumer monitors that are to be turned off every 8 -10 hours and can only be warranted in residential applications. Our monitors are built to run 24 / 7 / 365 continuously with FCC Class A commercial grade certification backed by a 2 year standard warranty. We have strong R&D and manufacturing capabilities, which enable us to control the quality of our products and processes every step of the way. We are flexible and respond quickly to ever changing market needs with new products designed and developed by our local in-house engineering & design staff. Our team of customer service specialists provides the absolute best service possible. OIC continues to build on its reputation for superior technology, innovative solutions, competitiveness, performance and reliability.



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 2x2 configuration) and the ability to take a single video source and display it across the entire video wall. It is an excellent choice for command & control centers, corporate, AV and digital signage applications. Video Walls up to 15 x 15 are available.



SPECIFICATION of R4K (FHD)

General Features		R4K43NNF	R4K46UNF/UHF	R4K46ENF/EHF	R4K48NNF	R4K49UNF	R4K49ENF/EHF	R4K55UNF/UHF	R4K55ENF/EHF	R4K70NNF	R4K82NNF	
Bezel Width	BEZEL to BEZEL	3.5 mm	3.5 mm	1.7 mm	19.8 mm	3.5 mm	1.8 mm	3.5 mm	1.7mm	40.0 mm	60.5 mm	
Display	Screen Size	42.51 inches	46.0 inches	46.0 inches	48.0 inches	48.50 inches	48.5 inches	55.0 inches	55.0 inches	70.0 inches	81.6 inches	
	Resolution	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	
	Pixel Pitch	0.4902 x 0.4902 mm	0.530 x 0.530 mm	0.530 x 0.530 mm	0.530 x 0.530 mm	0.55926 x 0.55926 mm	0.55926 x 0.55926 mm	0.630 x 0.630 mm	0.630 x 0.630 mm	0.807 x 0.807 mm	0.9405 x 0.9405mm	
	Brightness	450 cd/m ²	500 cd/m ² 700 cd/m ²	500 cd/m ² 700 cd/m ²	500 cd/m ²	450 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	400 cd/m ²	450 cd/m ²
	Contrast Ratio	1300:1	3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	4000:1 3500:1	4000:1	5000:1
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees
	Display Color	16.7 million	16.7 million	16.7 million	16.7 million	1.07 billion	1.07 billion	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
	Response Time	12 ms	8 ms	8 ms	8 ms	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	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	Display Port In	1	1	1	1	1	1	1	1	1	1	
	VGA In (15Pin D-Sub)	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	1 / 1	1 / 1	1 / 1	
	DVI In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 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	1 / 1	1 / 1	1 / 1	
	Audio Out	1	1	1	1	1	1	1	1	1	1	
Transmitter	Remote Control	Y	Y	Y	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	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	
	Deinterlacing	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Auto Pixel Shift	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	One Stretch Image by Edge Set	Y	Y	Y	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	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	
Dimension	Outline Dimension	960.9 x 553.7 x 94.0 mm	1022.1 x 576.6 x 109.5 mm	1019.6 x 576.6 x 135.1 mm	1022.1 x 576.6 x 128.0 mm	1077.6 x 607.8 x 121.3 mm	1075.6 x 605.8 x 121.3 mm	1213.6 x 684.2 x 102.6 mm	1211.6 x 682.5 x 111.3 mm	1602.5 x 924.3 x 106.9 mm	1858.5 x 1084.3 x 119.9 mm	
	Net Weight	24.50 kg	29.94 kg	29.94 kg	29.94 kg	31.00 kg	31.00 kg	33.93 kg	36.74 kg	65.50 kg	119.0 kg	
Cabinet	Cabinet Color	Black	Black	Black	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	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	
Power	Consumption	< 128 W	< 121 W < 162 W	< 121 W < 162 W	< 210 W	< 220 W	< 148 W < 230 W	< 167 W < 242 W	< 167 W < 242 W	< 320 W	< 440 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)	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	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	
	Storage Temperature	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	
Mounts	VESA Mounts Size	600 x 300 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	800 x 600 mm	800 x 600 mm	
	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	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	WB-4663	WB-7080	WB-7080	

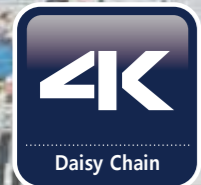
R4K(UHD) Series **4K VIDEO WALL**

The R4K UHD Series of LCD Displays is the perfect solution for ultra-high definition video walls. Equipped with a standalone 3840 x 2160 resolution panel and the ability to take a single video source and displaying across the entire Video Wall. It is an excellent choice for command & control centers, corporate, AV and digital signage applications. Various Video Wall configurations up to 15 x 15 are available.



■ SPECIFICATION of R4K (UHD)

General Features		R4K49NNU	R4K55NNU	R4K65NNU	R4K75NNU	R4K86NNU	R4K98NNU
Bezel Width	BEZEL to BEZEL	18.8mm/21.4mm(H/V)	19.6 mm	20.4 mm	23.4mm/21.6mm(H/V)	25.2 imm	25.8 mm
Display	Screen Size	48.5 inches	55.0 inches	64.53 inches	75.0 inches	85.6 inches	97.5 inches
	Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
	Pixel Pitch	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	500 cd/m ²	450 cd/m ²	500 cd/m ²	450 cd/m ²	500 cd/m ²	500 cd/m ²
	Contrast Ratio	1100:1	4000:1	1100:1	5000:1	1200:1	1300:1
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees
	Display Color	1.07 million	1.07 million	1.07 million	1.07 million	1.07 million	1.07 million
	Response Time	8 ms	6.5 ms	8 ms	8 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	Display Port In	1	1	1	1	1	1
	VGA In (15Pin D-Sub)	1	1	1	1	1	1
	HDMI In / Out	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
	RS-232 In/Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Transmitter	Audio Out	1	1	1	1	1	1
	Remote Control	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
	Deinterlacing	Y	Y	Y	Y	Y	Y
	Auto Pixel Shift	Y	Y	Y	Y	Y	Y
	One Stretch Image by Edge Set	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
Dimension	Outline Dimension	1099.8 x 632.5 x 102.1 mm	1238.0 x 708.7 x 115.6 mm	1454.7 x 832.4 x 103.4 mm	1680.5 x 957.6 x 134.9 mm	1924.6 x 1095.5 x 113.5 mm	2190.2 x 1245.1 x 131.1 mm
	Net Weight	35.00 kg	37.01 kg	53.00 kg	69.99 kg	80.00 kg	90.00 kg
Cabinet	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	< 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)
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
	Storage Temperature	-20 ~ 65 celsius	-20 ~ 65 celsius	-20 ~ 65 celsius	-20 ~ 65 celsius	-20 ~ 65 celsius	-20 ~ 65 celsius
Mounts	VESA Mounts Size	600 x 400 mm	600 x 400 mm	800 x 600 mm	800 x 600 mm	800 x 600 mm	800 x 600 mm
	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
	Stand Alone	WB-4780	WB-4780	WB-7080	WB-7080	WB-7080	WB-7080





4K UHD

■ SPECIFICATION of 4K

General Features		4K28DHD	4K40DHD	4K55DHD	4K75DHD
Display	Screen Size	28.0 inches	39.5 inches	55.0 inches	75.0 inches
	Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
	Pixel Pitch	0.16 x 0.16 mm	0.2247 x 0.2247 mm	0.315 x 0.315 mm	0.42975 x 0.42975 mm
	Brightness	300cd/m ²	350cd/m ²	450 cd/m ²	450 cd/m ²
	Contrast Ratio	1000:1	5000:1	5000:1	5000:1
	Aspect Ratio	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	170/160 degrees	176/176 degrees	178/178 degrees	178/178 degrees
	Display Color	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Interface	Response Time	Typ. 5ms	Typ. 8.5ms	Typ. 6.5ms	Typ. 6.5ms
	VGA In (15Pin D-Sub)	1	1	1	1
	Display Port 1.2	1	1	1	1
	HDMI (ver. 1.4) In	1	1	1	1
	DVI-D (Dual or Single) In	1	1	1	1
	SDI In/Out	1/1	1/1	1/1	1/1
	Audio in (Phone Jack)	1 (for VGA & DVI)	1 (for VGA & DVI)	1 (for VGA & DVI)	1 (for VGA & DVI)
	Audio out (Phone Jack)	1	1	1	1
Audio	Built in Speakers	Y	Y	Y	Y
	Transmitter	Y	Y	Y	Y
Special Features	Remote Control	Y	Y	Y	Y
	Multi Display Function	Y	Y	Y	Y
	Noise Reduction	Y	Y	Y	Y
	Image Rotation	Y	Y	Y	Y
	Menu Rotation	Y	Y	Y	Y
	Aspect Ratio Change	Y	Y	Y	Y
	Gamma Selection	Y	Y	Y	Y
	Color & Mono Selection	Y	Y	Y	Y
Dimension	Super Resolution	Y	Y	Y	Y
	Outline Dimension (w Stand)	658.1 x 438.9 x 160.0 mm	899.9 x 568.5 x 240.0 mm	1248.4 x 771.9 x 240.0 mm	1685.5 x 988.6 x 92.7 mm
	Net Weight	7.98 kg	18.00 kg	34.93 kg	70.00 kg
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back
	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 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	100 x 100 mm	200 x 200 mm	400 x 300 mm	800 x 400 mm
	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
- Image Rotation: Landscape and Portrait
- Menu Rotation: Landscape and Portrait
- Aspect Ratio: Full / 4:3 / 5:4 / 1:1
- Dynamic Contrast: ON / OFF
- Gamma Selection: 1.8 / 2.0 / 2.2 / 2.4 and 2.6
- Color and Monochrome Selection
- Super Resolution: ON / OFF
- Wide Viewing Angle
- Industrial Grade Metal Cabinet

Series of OIC-M

OIC Korea's first high definition multi-window monitoring system, OIC-M802 and OIC-M1604 featuring 8/16 universal inputs/windows, with user selectable resolution up to 2048 x 1080 (including 1920x1080p) and infinitely adjustable the screen layouts. The OIC-M401Q is OIC Korea's first compact multi-window monitoring system featuring 4 inputs/windows, with resolutions up to 2048 x 1080 (including 1920 x 1080p) and full screen, quad, PIP or infinitely adjustable the screen layouts. This 1 RU, dual rackmountable video scaler/processor allows for video switcher, maximum flexibility in screen layout and for viewing multi-window content of video and graphics at the same time over the RNK series video wall. In Full Screen and Quad modes, this unit outputs 4K,2K, 1080p and 2560x1600 output resolutions. In PIP and Custom modes, it outputs 2K, 1080p and 1920x1200 output resolutions.



■ OIC-M Series SPECIFICATION

SERIES	OIC-M401Q	OIC-M802	OIC-M1604
Video Inputs	4 (HDCP 1.4 supported)	Up to 8 (Option: HDMI or YPbPr)	Up to 16 (Option: HDMI or YPbPr)
Input Connectors	HDMI Female	DVI-I x 8 (Standard VGA to DVI-I)	DVI-I x 16 (Standard VGA to DVI-I)
Video Outputs	1	Up to 2 (Option: YPbPr, RGB or SDI)	Up to 4 (Option: YPbPr, RGB or SDI)
Output Connectors	HDMI Female	RJ45 x 2 (RJ45 to DVI-I Adaptor)	RJ45 x 4 (RJ45 to DVI-I Adaptor)
Built-in CATx Extender	N/A	Up to 35 feet (Option – up to 115 feet)	
Output Resolution	Full/Quad up to 4K 3840x2160 pixels, PIP/Custom up to 2048 x 1080 (1080P) pixels	800 x 480 to 2048 x 1080 (1080P) pixels	
Total Screens	Up to 4	Up to 8	Up to 16
On Screen Display	Borders, Labels, Under Monitor Display (UMD) Audio Meters	Borders, Labels, Fonts, Tally LEDs, Clock, Logos, Under Monitor Display (UMD), Over Monitor Display (OMD), In Monitor Display (IMD)	
Protocols	HTTP/HTTPS, TCP/IP, DHCP, UDP, ARP, IPV4	HTTP/HTTPS, TCP/IP, DHCP, UDP, ARP, IPV4	
Serial Port	RS232 (Female Connector RJ45)	RS232 with RS422 or 485 option. Connector RJ45	
USB Port	Baud Rate 1200 to 115200bps	Baud Rate 1200 to 115200bps	
IP	10/100-Base-T, (Female Connector RJ45)	10/100-Base-T, (Female Connector RJ45)	
Control	Front buttons, Wireless Remote, IP Netowrk	Front panel buttons for quick preset recalls, GPs, ASCII Protocol (AXP), OIC Commander	
Power Requirement	AC 110 to 220V 50/60Hz (with AC Adaptor)	AC 90 to 250V 50/60Hz	
Power Consumption	Approx. 20W	Approx. 110W	Approx. 220W
Operating Temperature	32 to 113 F	32 to 113 F	32 to 113 F
Storage Temperature	-22 to 140 F	-22 to 140 F	-22 to 140 F
Operating Humidity	17 to 90% non-condensing	17 to 90% non-condensing	17 to 90% non-condensing
Regulatory Approval	CE, RoHS	CE, RoHS	CE, RoHS
Dimensions (W x H x D)	186.7 x 27.7 x 126.5 mm	444.5 x 444.5 x 500.4 mm	444.5 x 88.9 x 599.4 mm

Series of OIC-MP

The OIC-MP Series is the latest addition to our wall controller systems. The OIC-MP Series is the perfect solution for when multiple sources must be shared in a collaborative environment for video capture for steaming, recording or presentation a plications. The OIC-MP4K Series offer true 4K signal Multi-Viewer and available in any number of Inputs and Outputs.

■ SPECIAL FEATURES

▶ 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 Expsion 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	2560x1600	2560x1600	3840x2160
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	482.6 x 177.8 x 533.4 mm	482.6 x 177.8 x 499.1 mm	482.6 x 177.8 x 499.1 mm
Accessories	Optical Mouse, Keyboard, DP to DVI adaptors, Manual		
Weight	20.41 kg	24.95 kg	24.95 kg

COST EFFECTIVE SERIES

The OIC Korea Wide LCD w/ LED BLU (backlight unit) high brightness displays provides a truly professional experience in next generation technology using eco-friendly material (no mercury or halogen). This unit applies standby mode (less than 1W) to save energy.



■ SPECIFICATION of RCE

General Features		15RCE	17RCE	19RCE	22RCE	24RCE	32RCE	32RCA	43RCE	43RCA	50RCE	55RCE
Display	Screen Size	15.0 inches	17.0 inches	19.0 inches	21.5 inches	23.6 inches	32.0 inches	32.0 inches	42.51 inches	42.51 inches	50.0 inches	55.0 inches
	Resolution	1024 x 768 pixels	1280 x 1024 pixels	1280 x 1024 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.297 x 0.297 mm	0.264 x 0.264 mm	0.294 x 0.294 mm	0.2482 x 0.2482 mm	0.2715 x 0.2715 mm	0.36375 x 0.36375 mm	0.36375 x 0.36375 mm	0.4902 x 0.4902 mm	0.4902 x 0.4902 mm	0.5708 x 0.5708 mm	0.630 x 0.630 mm
	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	300 cd/m ²
	Contrast Ratio	800:1	1000:1	1000:1	1000:1	1000:1	1400:1	1200:1	1200:1	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	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°	178°/178°	178°/178°
Interface	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	16.7 Million	16.7 Million
	Response Time	< 30ms	< 5ms	< 5ms (type on/off)	< 5ms	< 5ms	< 6ms	< 8ms	< 8ms	< 8ms	< 8.5ms	< 6.5ms
	Video System	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL	NTSC / PAL
	Video In/ Out(BNC Type)	2 / 1	2 / 1	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	1	1
	HDMI In	1	1	1	1	1	1	1	1	1	1	1
	Audio In	1	1	1	1	1	1	1	1 (RCA type)	1	1 (RCA type)	1
Audio	Audio Out	1	1	1	1	1	1	1 (RCA type)	1	1 (RCA type)	1	1
	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 5W)	2 (8 ohm 2W)	2 (8 ohm 5W)	2 (8 ohm 3W)	2 (8 ohm 3W)
Transmitter	Remote Control	Yes	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	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	English, Chinese	English, Chinese
Dimension	Outline Dimension without Stand (WxHxD) : 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	733 x 440 x 65	1000.8 x 602.0 x 89.9	965 x 560 x 70	1160.0 x 680.0 x 100.0	1274.8 x 749.8 x 101.1
	Net Weight	2.64 kg	3.34 kg	3.54 kg	2.99 kg	3.49 kg	16.17 kg	5.2 kg	22.23 kg	7.85 kg	28.58 kg	36.57 kg
Cabinet	Cabinet color / Base Stand	Black / Yes	Black / Yes	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	Plastic	Metal	Plastic	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	RoHS	FCC, CE, RoHS	FCC, CE, RoHS
Power	Consumption : < On	< 20W	< 20W	< 20W	< 30W	< 30W	< 80W	< 50W	< 150W	< 65W	< 80W	< 150W
	Standby Mode	< 1W	< 1W	< 1W	< 1W	< 1W	< 5W	< 0.5W	< 1W	< 0.5W	< 1W	< 1W
	Electrical Ratings	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) —	AC100 ~ 240V(50/60Hz) —	AC100 ~ 240V(50/60Hz) —	AC100 ~ 240V(50/60Hz) —	AC100 ~ 240V(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	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C	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	-10 ~ 60°C	-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	100 x 100	200 x 200	100 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	CMH-01	CMH-01	CMH-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-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	N/A	N/A

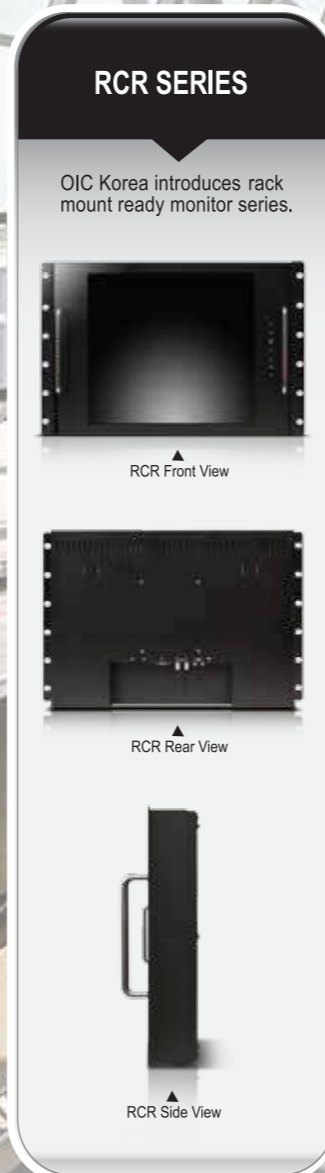
RACK MOUNT READY SERIES

Robust, compact and cost effective rack mount ready monitors feature 90° tilt capability and a steel enclosure with removable chrome handles for convenience of tilting and movement from one rack to another. Available in 9.7", 17", 19" sizes to accommodate many configurations. Ideal for server racks, cabinets, room controls, and security monitoring solutions.



■ SPECIFICATION of RCR

General Features		9RCRD	17RCR	19RCR
Display	Screen Size	9.7 inches	17.0 inches	19.0 inches
	Resolution	1024 x 768 pixels	1280 x 1024 pixels	1280 x 1024 pixels
	Pixel Pitch	0.192 x 0.192 mm	0.264 x 0.264 mm	0.294 x 0.294 mm
	Brightness	350 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast Ratio	800:1	1000:1	1000:1
	Aspect Ratio	4:3	5:4	5:4
	Viewing Angle (H/V)	170/170 degrees	170/160 degrees	170/160 degrees
	Display Color	262,144	16.7 million	16.7 million
	Response Time	25 ms	5 ms	5 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	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
	DVI In/HDMI In	0/1 (*2)	0/1	0/1
	Audio In (RCA Type)	1 (*2)	1	1
Audio	Built in Speakers	Y (1W*2) (*2)	Y (1W*2)	Y (1W*2)
	PC Stereo In	1 (*2)	1	1
Transmitter	Remote Control	N	Y	Y
	Filter Type	2D Comb Filter	2D Comb Filter	2D Comb Filter
Special Features	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	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	482.1 x 220.0 x 50.0 mm	482.01 x 353.1 x 72.9 mm	482.1 x 353.1 x 72.9 mm
	Net Weight	3.45 kg	6.19 kg	6.79 kg
Cabinet	Cabinet color	Black	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 15 watts	< 16 watts	< 20 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 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	75 x 75 mm	100 x 100 mm	100 x 100 mm
	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



PREMIUM 4:3 ASPECT RATIO

The OIC Korea PREMIUM Series is our high performance, feature rich monitor line with an All Metal Cabinet, PIP / PBP, Dual Signal In, Auto Source Sequencing (up to 7 sources), Trigger Alarm / Sensor, 3D Comb Filter, Deinterlace, Noise Reduction, and LCD Protection Glass.



■ SPECIFICATION of RTC

General Features		15RTC	17RTC	19RTC
Display	Screen Size	15.0 inches	17.0 inches	19.0 inches
	Resolution	1024 x 768 pixels	1280 x 1024 pixels	1280 x 1024 pixels
	Pixel Pitch	0.297 x 0.297 mm	0.264 x 0.264 mm	0.294 x 0.294 mm
	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)	170/160 degrees	170/160 degrees	170/160 degrees
	Display Color	16.2 million	16.7 million	16.7 million
	Response Time	< 8 ms	< 5 ms	< 5 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	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
	DVI In/HDMI In	0/1	1/2	1/2
	Audio L/R In (RCA Type)	1	2	2
Audio	PC Stereo In	1	1	1
	Built in Speakers	Y (1W*1)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	N	Y	Y
	Multi Display Function	N	PIP/PBP	PIP/PBP
Special Features	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display
	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
Dimension	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
	Outline Dimension (w Stand)	347.0 x 295.9 x 81.0 mm	379.0 x 336.0 x 87.1 mm	416.1 x 365.0 x 87.1 mm
Cabinet	Net Weight	4.60 kg	5.50 kg	6.25 kg
	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back
Power	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
	Consumption	< 18 watts	< 20 watts	< 24 watts
Circumstance	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
	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
Mounts	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius
	VESA Mounts Size	100 x 100 mm	100 x 100 mm	100 x 100 mm
	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

ECONOMY · BASIC SERIES

The OIC Korea LCD w/ LED BLU (backlight unit) high brightness displays are a truly professional experience in next generation technology using eco-friendly material (no mercury or halogen).



■ SPECIFICATION of REDE-SDI

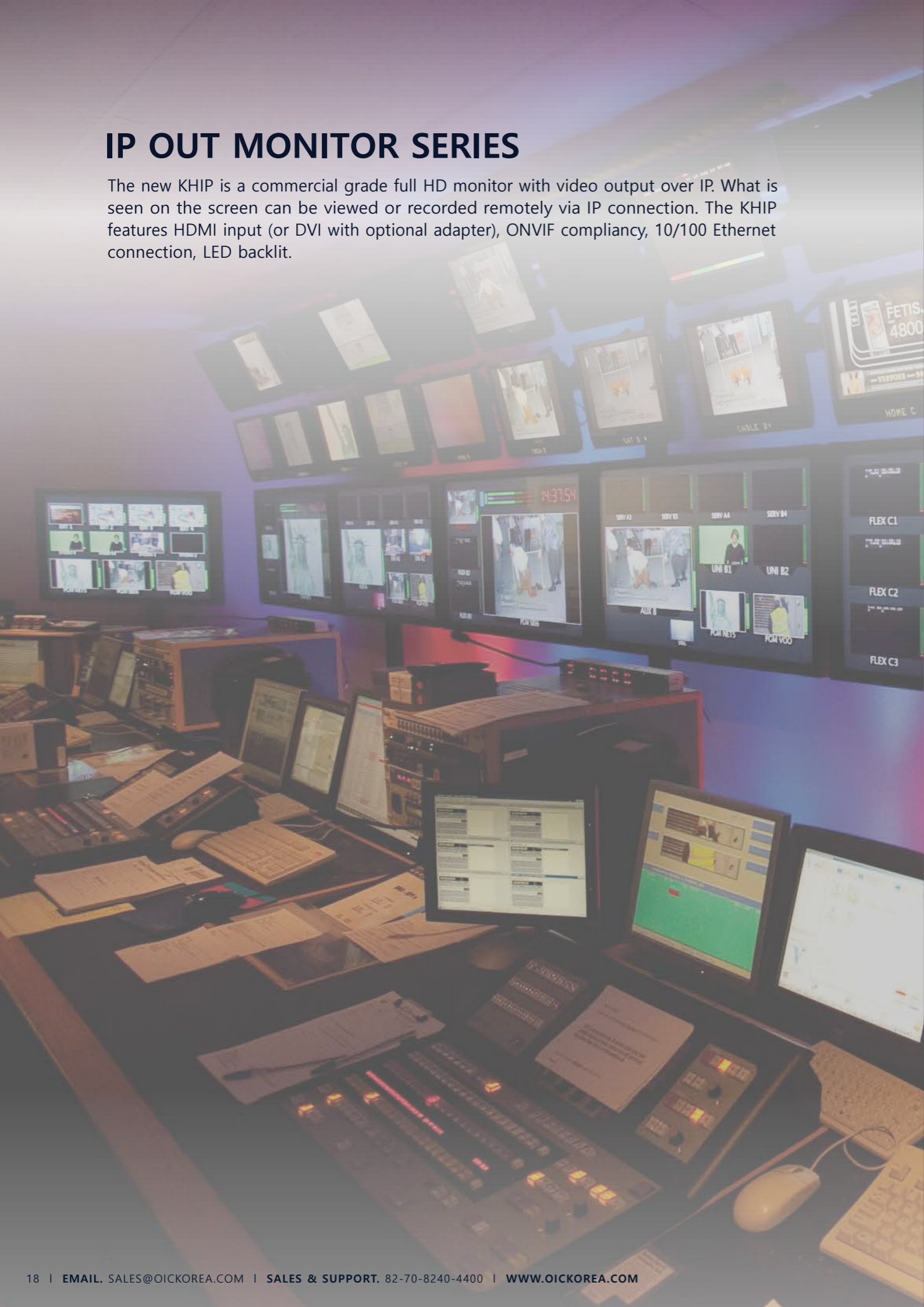
■ SPECIFICATION of REDE

General Features		18REDE	21REDE	23REDE
Display	Screen Size	18.5 inches	21.5 inches	23.0 inches
	Resolution	1366 x 768 pixels	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.3 x 0.3 mm	0.248 x 0.248 mm	0.265 x 0.265 mm
	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 degrees	170/160 degrees	170/160 degrees
	Display Color	16.7 million	16.7 million	16.7 million
	Response Time	5 ms	5 ms	5 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	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
	DVI In/HDMI In	0/1	0/1	0/1
	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 Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension (w Stand)	466.0 x 351.0 x 150.1 mm	530.9 x 389.6 x 200.2 mm	549.4 x 419.1 x 200.2 mm
	Net Weight	3.43 kg	4.00 kg	4.29 kg
Cabinet	Cabinet color/Base Stand	Black/Desktop Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	ABS	ABS	ABS
	Consumption	< 30 W	< 32 W	< 35 W
Power	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
	Operating Temperature	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F	0 ~ 40°C / 32 ~ 104°F
Circumstance	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius
	VESA Mounts Size	75 x 75 mm	75 x 75 mm	75 x 75 mm
Mounts	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

General Features		21REDE-SDI	23REDE-SDI	
Display	Screen Size	21.5 inches	23.0 inches	
	Resolution	1920 x 1080 pixels	1920 x 1080 pixels	
	Pixel Pitch	0.248 x 0.248 mm	0.265 x 0.265 mm	
	Brightness	250 cd/m ²	250 cd/m ²	
	Contrast Ratio	1000:1	1000:1	
	Aspect Ratio	16:9	16:9	
	Viewing Angle (H/V, Typ.)	178/178 degrees	178/178 degrees	
	Display Color	16.7 million	16.7 million	
	Response Time(Typ.)	14 ms	14 ms	
	Video System	NTSC/PAL	NTSC/PAL	
Interface	Panel Life Time (Min. hours)	30,000	30,000	
	Video In/Out (BNC Type)	1/1	1/1	
	VGA In (15Pin D-Sub)	1	1	
	HDMI In	1	1	
	SDI In/Out (BNC Type)	1/1	1/1	
	SDI	SD-SDI	480i/59.94, 576i/50	480i/59.94, 576i/50
		HD-SDI	720p/50, 59.94, 60, 1080i/50, 59.94, 60, 1080p/24, 25, 29.97, 30	720p/50, 59.94, 60, 1080i/50, 59.94, 60, 1080p/24, 25, 29.97, 30
3G-SDI		1080p/50, 59.94, 60 (Level A)	1080p/50, 59.94, 60 (Level A)	
Audio	Built in Speakers	Y (1W x 2)	Y (1W x 2)	
Transmitter	Remote Control	N	N	
	Filter Type	3D Comb	3D Comb	
Special Features	Deinterlacing	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	
	Noise reduction	Y	Y	
	Multi Lingual Language	Eng, Spa, Fre, Ger, Ita	Eng, Spa, Fre, Ger, Ita	
	Outline Dimension (w Stand)	530.9 x 389.6 x 199.9 mm	549.4 x 419.1 x 200.2 mm	
Dimension	Net Weight	4.00 kg	4.29 kg	
	Cabinet color/Base Stand	Black/Desktop Stand	Black/Desktop Stand	
Cabinet	Cabinet Material	ABS	ABS	
	Consumption	<20W	<25W	
	Electrical Ratings	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	
	Storage Temperature	-20~60 celsius	-20~60 celsius	
Mounts	VESA Mounts Size	75 x 75 mm	75 x 75 mm	
	Ceiling Mount	CMK-01	CMK-01	
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	
	Rack Mount	N	N	

IP OUT MONITOR SERIES

The new KHIP is a commercial grade full HD monitor with video output over IP. What is seen on the screen can be viewed or recorded remotely via IP connection. The KHIP features HDMI input (or DVI with optional adapter), ONVIF compliancy, 10/100 Ethernet connection, LED backlit.



SPECIFICATION of KHIP

General Features		21KHIP	46KHIP
Display	Screen Size	21.5 inches	46.0 inches
	Resolution	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.248 x 0.248 mm	0.53025 x 0.53025 mm
	Brightness	250 cd/m ²	700 cd/m ²
	Contrast Ratio	1000:1	4000:1
	Aspect Ratio	16:9	16:9
	Viewing Angle (H/V)	170/160 degrees	178/178 degrees
	Display Color	16.7 million	16.7 million
	Response Time	< 5 ms	< 8 ms
Interface	Video System	NTSC/PAL	NTSC/PAL
	HDMI In	1	1
Audio	RJ45 for IP	1	1
	Built in Speakers	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	Y	Y
	Filter Type	3D Comb Filter	3D Comb Filter
Special Features	Deinterlacing	Y	Y
	Noise reduction	Y	Y
	Auto source sequencing	Y	Y
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension	511.8 x 389.9 x 200.2 mm	1049.8 x 603.0 x 97.0 mm
	Net Weight	4.04 kg	31.40 kg
Cabinet	Cabinet color	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Electrical Ratings	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)
	DC 12 V		DC 12 V
Circumstance	Operating Temperature	0~50 celsius	0~50 celsius
	Storage Temperature	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	100 x 100 mm	600 x 400 mm
	Ceiling Mount	CMK-01	CMK-01
	Wall	WB-5, 10, 30, 31	WB-4663, WBLS2
	Rack Mount	CMK-01	CMK-01

IP OUT NETWORK CONNECTION



PREMIUM 16:9 ASPECT RATIO

The OIC Korea PREMIUM WIDE Series is our high performance, feature rich monitor line with an All Metal Cabinet, PIP / PBP, Dual Analog In, Auto Source Sequencing (up to 7 sources), Trigger Alarm / Sensor, 3D Comb Filter, Deinterlace, Noise Reduction, and LCD Protection Glass.

← WIDE →



■ SPECIFICATION of REDP

General Features		9REDP	18REDP	21REDP	23REDP	27REDP	32REDP	43REDP
Display	Screen Size	9.7 inches	18.5 inches	21.5 inches	23.0 inches	27.0 inches	31.55 inches	42.51 inches
	Resolution	1024 x 768 pixels	1366 x 768 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.192 x 0.192 mm	0.3 x 0.3 mm	0.248 x 0.248 mm	0.265 x 0.265 mm	0.3114 x 0.3114 mm	0.36375 x 0.36375 mm	0.4902 x 0.4902 mm
	Brightness	350 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	450 cd/m ²	450 cd/m ²
	Contrast Ratio	800:1	1000:1	1000:1	1000:1	1000:1	1300:1	1300:1
	Aspect Ratio	4:3	16:9	16:9	16:9	16:9	16:9	16:9
	Viewing Angle (H/V)	170/170 degrees	170/160 degrees	170/160 degrees	170/160 degrees	170/160 degrees	178/178 degrees	178/178 degrees
	Display Color	262,144 colors (6-bit)	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
	Response Time	25 ms	5 ms	5 ms	5 ms	8 ms	8 ms	12 ms
Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
Interface	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
	DVI In/HDMI In	0/1	1/2	1/2	1/2	1/2	1/2	1/2
	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 (1W*2)	Y (1W*2)	Y (7.5W*2)	Y (10W*2)
Transmitter	Remote Control	N	Y	Y	Y	Y	Y	Y
Special Features	Multi Display Function	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
	Filter Type	3D Adaptive Deinterlacer	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display	Dual Composite Display
	Deinterlacing	N	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	N	N	N	N	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)	214.9 x 189.0 x 71.4 mm	447.0 x 294.6 x 78.7 mm	518.2 x 332.7 x 78.7 mm	551.2 x 353.1 x 78.7 mm	640.1 x 429.0 x 160.0 mm	732.0 x 486.2 x 160.0 mm	963.9 x 624.1 x 240.0 mm
	Net Weight	2.04 kg	6.09 kg	6.21 kg	7.08 kg	8.50 kg	12.80 kg	21.80 kg
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	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	< 11 watts	< 22 watts	< 28 watts	< 22 watts	< 37 watts	< 54 watts	< 107 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	AC 100~240 V (50/60Hz) DC 12 V	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
Circumstance	Operating Temperature	0~40 celsius	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 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	75 x 75 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	200 x 100 mm	200 x 200 mm	400 x 300 mm
	Ceiling Mount	CMK-01S	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01	CMH-01
	Wall	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	N/A	N/A	N/A

SD · HD · 3G-SDI SERIES

Introducing the cost effective LED backlight (BLU) HD Digital observation system that delivers real time broadcast grade image. Also our full line-up of the HSDI3G series accepts multiple interfaces such as, CVBS, S-Video, VGA, DVI-D and HDMI in addition to full SDI inputs. Perfect for high-end application where the HD resolution is ideal.



■ SPECIFICATION of HSDI

General Features		21HSDI3G	23HSDI3G	27HSDI3G	32HSDI3G	43HSDI3G	55HSDI3G	
Display	Screen Size	21.5 inches	23.0 inches	27.0 inches	31.55 inches	42.51 inches	54.6 inches	
	Resolution	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	
	Pixel Pitch	0.248 x 0.248mm	0.2652 x 0.2652 mm	0.3114 x 0.3114 mm	0.364 x 0.364 mm	0.4902 x 0.4902 mm	0.630 x 0.630 mm	
	Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²	450 cd/m ²	450 cd/m ²	700 cd/m ²	
	Contrast Ratio	1000:1	1000:1	1000:1	1400:1	1300:1	3500:1	
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	
	Viewing Angle (H/V)	170/160 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	178/178 degrees	
	Display Color	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million	
	Response Time	5 ms	5 ms	8 ms	8 ms	12 ms	8 ms	
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
Interface	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	
	DVI In/HDMI In	1/2	1/2	1/2	1/2	1/2	1/2	
	SDI In/Out (BNC Type)	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)	1080p/50, 59.94, 60 (Level A)	1080p/50, 59.94, 60 (Level A)	1080p/50, 59.94, 60 (Level A)	1080p/50, 59.94, 60 (Level A)	1080p/50, 59.94, 60 (Level A)		
Audio L/R In (RCA Type)	2	2	2	2	2	2		
PC Stereo In	1	1	1	1	1	1		
Audio Transmitter	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)	Y (7.5W*2)	Y (7.5W*2)	
	Remote Control	Y	Y	Y	Y	Y	Y	
Special Features	Multi Display Function	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	
	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	
	Trigger Source Switching	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	
	LCD Protection Glass	N	N	N	Y	Y	Y	
	Noise reduction	Y	Y	Y	Y	Y	Y	
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		
Dimension	Outline Dimension (w Stand)	518.2 x 332.7 x 78.7 mm	551.9 x 353.1 x 88.4 mm	640.1 x 429.0 x 160.0 mm	732.0 x 486.2 x 160.0 mm	963.9 x 624.1 x 240.0 mm	1253.0 x 777.0 x 240.0 mm	
	Net Weight	6.21 kg	6.60 kg	8.80 kg	13.30 kg	22.70 kg	34.92 kg	
Cabinet	Cabinet color/Base Stand	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	
Power	Consumption	< 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, 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 celsius	0~40 celsius	0~40 celsius	0~40 celsius	0~40 celsius	0~40 celsius	
	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	
Mounts	VESA Mounts Size	100 x 100 mm	100 x 100 mm	200 x 100 mm	200 x 200 mm	400 x 300 mm	400 x 300 mm	
	Ceiling Mount	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-2642	WB-4663	WB-4663	
	Rack Mount	RMK-19	RMK-08	N/A	N/A	N/A	N/A	

FIELD & PRODUCTION MONITOR

OIC Korea 19HLM3G is newly developed 18.5 inch Broadcast Field and Production Monitor and capable of multi-inputs including 3G-SDI (both level A and B) input and output. Many of the built-in functions like the Tally, Waveform, Vector Scope, 16ch Audio Level indicators, Safety Markers, and several Test Signal for your field use.



SPECIFICATION of HLM3G

SPECIAL FEATURES

Tally (Red/Green/Amber)



Waveform



Vector Scope



General Features		19HLM3G	24HLM3G
Display	Screen Size	18.5 inches	24.0 inches
	Resolution	1366 x 768 pixels	1920 x 1080 pixels
	Pixel Pitch	0.3 x 0.3mm	0.2715 x 0.2715 mm
	Brightness	250 cd/m ²	250 cd/m ²
	Contrast Ratio	1000:1	1000:1
	Aspect Ratio	16:9	16:9
	Viewing Angle (H/V)	170/160 degrees	170/160 degrees
	Display Color	16.7 million	16.7 million
	Response Time	5 ms	5 ms
	Video System	NTSC/PAL	NTSC/PAL
	Interface	Video In/Out (BNC Type)	1/0
DVI In/HDMI In		0/1	0/1
SDI In/Out (BNC Type)		2/1	2/1
SDI		SD-SDI	480i/59.94, 576i/50
	HD-SDI	720p/50, 59.94, 60, 1080i/50, 59.94, 60,	720p/50, 59.94, 60, 1080i/50, 59.94, 60,
		1080p/24, 25, 29.97, 30	1080p/24, 25, 29.97, 30
3G-SDI	1080p/50, 59.94, 60 (Level A&B)	1080p/50, 59.94, 60 (Level A&B)	
Audio	Audio In (RCA Type)	2 (L + R)	2 (L + R)
Remote Control	Built in Speakers	Y (1W*2)	Y (1W*2)
	RJ45 (RS422)	Y	Y
Special Features	Waveform Display	Y	Y
	Vector Scope Display	Y	Y
	Filter Type	3D Comb Filter	3D Comb Filter
	Aspect Ratio	16:9, 4:3, 15:9, 14:9, 13:9, 1.85:1, 2.35:1	16:9, 4:3, 15:9, 14:9, 13:9, 1.85:1, 2.35:1
	Safety Markers	Off/80/85/90/93/99%	Off/80/85/90/93/99%
	Tally	Y	Y
	Audio Level Indicator	16ch	16ch
	Test Signal	Full White/Color Bar/Grey Scale/Check Field	Full White/Color Bar/Grey Scale/Check Field
	Time Code	Y	Y
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension (w Stand)	448.1 x 332.5 x 115.1 mm	509.8 x 416.8 x 150.1 mm
	Net Weight	5.90 kg	10.48 kg
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel
	Consumption	25 W	40 W
Power	Electrical Ratings	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)
		DC 12V Battery / XLR	DC 12V Battery / XLR
Circumstance	Operating Temperature	0~40 celsius	0~40 celsius
	Storage Temperature	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	75 x 75mm	75 x 75mm
	Ceiling Mount	CMK-01	CMK-01
	Wall	WB-5, 10, 30	WB-5, 10, 30
	Rack Mount	RMK-19-01	RMK-08

IP NETWORK MONITOR SERIES

OIC Korea released a new line of 23", 27" and 32" network CCTV monitors with a built-in Android 4.4 OS, Quad Core RK3188, Cortex A9, and 8GB internal memory. The IP Network Monitor Series can make connections through RJ45, WiFi and Bluetooth. We also offer digital signage application built-in these IP network monitors using cloud service.



SPECIFICATION of IREDP

General Features		23IREDP	27IREDP	32IREDP
Display	Screen Size	23.0 inches	27.0 inches	31.55 inches
	Resolution	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.265 x 0.265 mm	0.3114 x 0.3114 mm	0.36375 x 0.36375 mm
	Brightness	250 cd/m ²	250 cd/m ²	450 cd/m ²
	Contrast Ratio	1000:1	1000:1	1300:1
	Aspect Ratio	16:9	16:9	16:9
	Viewing Angle (H/V)	170/160 degrees	178/178 degrees	178/178 degrees
	Display Color	16.7 million	16.7 million	16.7 million
	Response Time	5 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	Video In/Out (BNC Type)	2/2	2/2	22
	Ethernet	1 (RJ45)	1 (RJ45)	1 (RJ45)
	S-Video In/Out	1/1	1/1	1/1
	VGA In (15Pin D-Sub)	1	1	1
	DVI In/HDMI In	1/2	1/2	1/2
	Audio L/R In (RCA Type)	2	2	2
	PC Stereo In	1	1	1
Audio	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (7.5W*2)
Transmitter	Remote Control	Y	Y	Y
	Android PC	4.2OS Quad Core	Built-in	Built-in
Special Features	Internal Memory	8GB	8GB	8GB
	Wifi	802.1b/g/n	802.1b/g/n	802.1b/g/n
	Multi Display Function	PIP	PIP	PIP
	Auto source sequencing	Y	Y	Y
Touch Screen	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR
	Touch Screen	Optional (IR, P-cap, Resistive, Saw)		
Dimension	Outline Dimension (w Stand)	551.9 x 353.1 x 91.9 mm	640.1 x 429.0 x 160.0 mm	732.0 x 486.2 x 160.0 mm
	Net Weight	6.26 kg	9.00 kg	12.80 kg
Cabinet	Cabinet color	Black	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 40 watts	< 100 Watts	< 110 watts
	Electrical Ratings	AC 100~240 V (50/60Hz) DC 12 V	AC 100~240 V (50/60Hz) N/A	AC 100~240 V (50/60Hz) N/A
Circumstance	Operating Temperature	0~40 celsius	0~40 celsius	0~40 celsius
	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	100 x 100 mm	200 x 200 mm	200 x 200 mm
	Ceiling Mount	CMK-01	CMK-01 with FMA-01	CMK-01 with FMA-01
	Wall	WB-5, 10, 30, 31	WB-2642	WB-2642

IP HD PUBLIC VIEW MONITOR

OIC Korea IP Network HD PVM (Public View Monitor) with a built in 1080p camera and motion detection sensor is a highly effective theft deterrent tool in creating public awareness that security surveillance systems are in place.



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 IP PVM

General Features		10IPHPVM	23IPHPVM	27IPHPVM	32IPHPVM
Display	Screen Size	9.7 inches	23.0 inches	27.0 inches	32.0 inches
	Resolution	1280 x 800 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels
	Pixel Pitch	0.1695 x 0.1695 mm	0.265 x 0.265 mm	0.3114 x 0.3114 mm	0.36375 x 0.36375 mm
	Brightness	300 cd/m ²	250 cd/m ²	250 cd/m ²	450 cd/m ²
	Contrast Ratio	500:1	1000:1	1000:1	1300:1
	Aspect Ratio	16:10	16:9	16:9	16:9
	Viewing Angle (H/V)	160/160 degrees	178/178 degrees	178/178 degrees	178/178 degrees
	Display Color	16.7 million	16.7 million	16.7 million	16.7 million
Interface	Response Time	20 ms	5 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
	Video In/Out (BNC Type)	1 / 1 (Cam Out)	1/2 (1-Cam Out)	1/2 (1-Cam Out)	1/2 (1-Cam Out)
	IP H.264 ONVIF Out	1 (RJ45)	1 (RJ45)	1 (RJ45)	1 (RJ45)
	VGA In (15Pin D-Sub)	0	1	1	1
Audio	HDMI In	0	1	1	1
	Audio In (RCA Type)	0	1	1	1
Transmitter	PC Stereo In	0	1	1	1
	Built in Speakers	Y (1W x 2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)
Special Features	Remote Control	Y	Y	Y	Y
	Multi Display Function	0	PIP	PIP	PIP
	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter
	Deinterlacing	Y	Y	Y	Y
	LCD Protective Shield	N	N	N	Y
	Noise reduction	Y	Y	Y	Y
	Video Recording	Slot for Micro SD Card	N/A	N/A	N/A
	Media Player	Slot for Micro SD Card	N/A	N/A	N/A
	Auto source sequencing	N	Y	Y	Y
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR
Camera	Motion Detection	Digital Motion	PIR Motion Sensor	PIR Motion Sensor	PIR Motion Sensor
	Camera Type	WDR	WDR	WDR	WDR
	Mechanical Design	pin Hole 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
	S/N Ratio	>50dB	>50dB	>50dB	>50dB
	Resolution	Horizontal 960TV 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)
	Sensitivity (Normal/DSS)	0.01 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
	Outline Dimension (w Stand)	244.9 x 189.0 x 35.1 mm	551.9 x 387.6 x 105.0 mm	654.1 x 451.6 x 104.9 mm	752.1 x 515.1 x 104.9 mm
Dimension	Net Weight	2.20 kg	9.98 kg	10.70 kg	15.97 kg
	Cabinet color	Black	Black	Black	Black
Cabinet	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
	Consumption	< 12 watts	< 40 watts	< 50 Watts	< 60 watts
Power	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)
	DC Inputs	DC12 - 24V or PoE	N/A	N/A	N/A
	Operating Temperature	0~40 celsius	0~40 celsius	0~40 celsius	0~40 celsius
Circumstance	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius
	VESA Mounts Size	75 x 75mm	200 x 200 mm	200 x 200 mm	200 x 200 mm
Mounts	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30	WB-2642	WB-2642	WB-2642

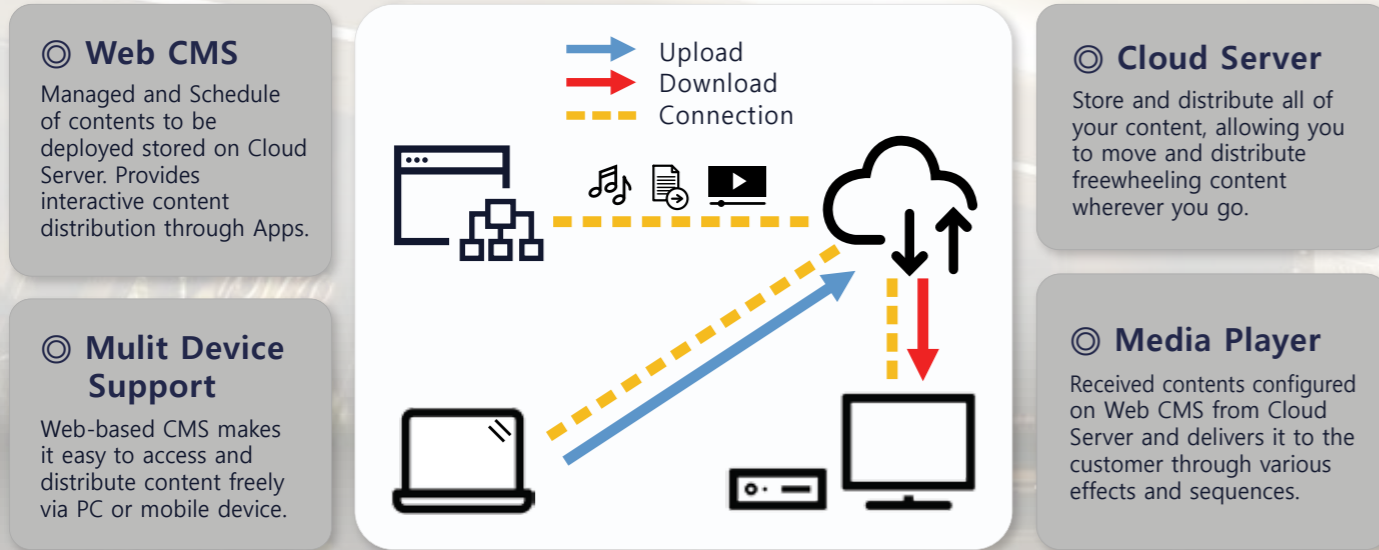
SPECIFICATION of PVMV

General Features		19PVMV	23PVMV	27PVMV	
Display	Screen Size	19.0 inches	23.0 inches	27.0 inches	
	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 degrees	170/160 degrees	178/178 degrees	
	Display Color	16.7 million	16.7 million	16.7 million	
Interface	Response Time	5 ms	5 ms	8 ms	
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	
	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	
	HDMI In	1	1	1	
Audio	Audio In (RCA Type)	1	1	1	
	PC Stereo In	1	1	1	
Transmitter	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	
	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 Type	WDR	WDR	WDR	
	Mechanical Design	Tilt Swivel Camera	Tilt Swivel Camera	Tilt Swivel Camera	
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 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)	0.05 /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)	418.1 x 401.6 x 80.0 mm	551.9 x 387.6 x 80.0 mm	654.1 x 451.6 x 80.0 mm	
	Net Weight	6.50 kg	2.45 kg	11.00 kg	
	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	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)	AC 100~240 V (50/60Hz)	
	DC Inputs	N/A	N/A	N/A	
Circumstance	Operating Temperature	0~40 celsius	0~40 celsius	0~40 celsius	
	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius	
Mounts	VESA Mounts Size	100 x 100 mm	100 x 100 mm	200 x 200 mm	
	Ceiling Mount	CMK-01	CMK-01	CMK-01 with FMA-01	
	Wall	WB-5, 10, 30, 31	WB-5, 10, 30, 31	WB-2642	

SIGNAGE SOLUTION

OIC Korea newly introduce Signage Solutions which provides the best means to maximize your sales. Cloud-based CMS enables distribution of advertisement and promotional contents to each monitor according to schedule and provides many features such as SNS Media Wall for CRM. In addition, face recognition of visiting customers can also provide data-driven marketing solutions to help you build a successful business.

▶ BASIC CONFIGURATION DIAGRAM OF SIGNAGE SOLUTION



▶ SIGNAGE SOLUTIONS

◎ SIGNMATE (Basic)



It shows up each content to slide show mode in full screen. So Signmate Basic can deliver more information to the audience one by one. With its' easy to use CMS configuration you can schedule and deliver the visual contents such as videos and images.

Built in Apps on web CMS offer the method of delivering content with a lot of useful functions. For example you can make a stunning SNS video walls with your business SNS account include Facebook, Twitter and Instagram.

- Media Player (Android based)

- Pre Installed Player App
- HDMI Input
- 10/100M Ethernet
- USB WiFi dongle (Optional)
- USB Type B & C
- Fanless Frame



- Featured Web Apps in CMS

- Graphics & Video
- Social Media Wall
- News
- Instagram Wall
- Web Page
- Calendar
- Traffic
- Youtube



◎ SIGNMATE (Advance)



Connect, communicate, and engage with your audience using award-winning web-based software solution.

Signmate Advance is a Signage Solution that enables you to play various contents through a widget in a web-based frame structure. It provides various templates that maximize information presentation by displaying various contents interactively in one fixed layout.

- Media Player (PC based)

- 22GB RAM DDR3L
- 32GB eMMC storage
- 3X Powered USB 2.0 Ports
- VGA Port
- 3.5mm Audio Port
- Microphone Support
- USB mouse wired & wireless support
- USB keyboard wired & wireless support
- 10/100M RJ45 Ethernet
- 802.11 b/g/n Integrated Wireless Network
- HDMI & VGA Input



- Featured Web Apps in CMS

Digital Signage, Touch Screen, Mobile App, Room Scheduler, Web Calendar, Video Wall, Menu Board

◎ SIGNMATE (Premium)



Signmate Premium is the ultimate marketing tool which offers tracking of customer engagement in real time. Also it can show store activity from anywhere on a cloud-based dashboard. By offering real-time people and crowd analytics, you can expand your marketing strategy and increase revenue.



- Application Retail Space

- Track customer engagement in real time
- Optimize store traffic flow
- View store activity on cloud based Dash Board

- Application Small Business

- Easily implement to start gathering data
- Understand Store traffic flow and locate popular zone



- Dashboard

On the go, at your desk or wherever you may go, your Dashboard is with you all time. View metrics that are important to your business and share them with customer. You can get all data you want such as dwell time, people counting by gender, emotion, and apply it to your next marketing plan.



IP & ANALOG TEST MONITOR

OIC Korea's IP & Analog Tester is designed for maintenance and installation of both IP and Analog cameras as well as other security equipments. It enable to test or display network HD camera and analog camera image in top quality. These testers are great tool for Ethernet network and cabling system. All of our testers feature WiFi, PTZ Control, Ping Test, IP Address Scan and DC12V Camera Power in addition to both IP and Analog video inputs. OIC Korea now offer the unit capable of PoE output and Analog HD (AHD/TVI/CVI) inputs.



TMIP43 / TMIP43M



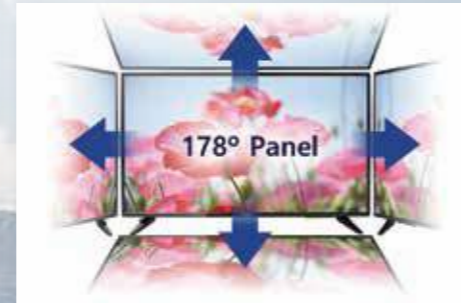
TMIPHD7

■ SPECIFICATION of TMIP

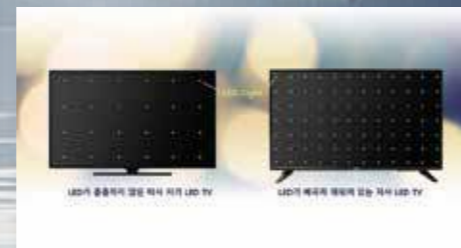
	OIC P/N	TMIP43	TMIP43M	TMIPHD7
DISPLAY	Screen size	4.3 inches	4.3 inches	7.0 inches
	Panel resolution	800 x 480 pixels	800 x 480 pixels	1024 x 600 pixels
Analog Video	Composite Video	NTSC/PAL	NTSC/PAL	NTSC/PAL
	AHD/TVI/CVI	No	Yes	No
	Video Display	Yes	Yes	Yes
	Zoom In	Yes (4x)	Yes (4x)	No
	Video/Snap Shot Record	Yes	Yes	No
	Color Bar Generator	Yes	Yes	No
	PTZ Control RS485	Yes	Yes	Yes
	Video Level Tester	No	No	No
	PTZ Address Search	Yes	Yes	No
	Cable Scan	Yes	Yes	No
IP Video	Cable Tester	Yes	Yes	No
	Video Display (ONVIF)	Yes	Yes	Yes
	Ethernet I/F	Yes	Yes	Yes
	Multi-Segments IP Address	Yes	Yes	No
	Ping Test	Yes	Yes	Yes
	IP Address Scan	Yes	Yes	Yes
	IP PTZ Control	Yes	Yes	No
	Support 30 IP Camera Protocol	Yes	Yes	No
	VMS for Mobile Phone*	Yes	Yes	No
	Other Functions	LED Lamp	Yes	Yes
WIFI 802.11b/g/n		Yes	Yes	Yes (Not for Camera Video)
Touch Screen & Key Operation		Touch & Key Operation	Touch & Key Operation	Touch Screen
Audio Input Test		Yes	Yes	Yes
TDR Cable Test		No	No	No
DC12V Power Output		Yes (2A)	Yes (2A)	Yes (1A)
DC5V Power Output		Yes (2A)	Yes (2A)	No
PoE 48V Power Output		Yes	Yes	No
RS485/RS232 Ports		RS485/RS232	RS485/RS232	RS485
PoE Tester		Yes	Yes	No
HDMI Output		Yes	Yes	No
Digital Multi-Meter		Yes	Yes	No
Lithium Polymer Battery		7.4V 5000mAh	7.4V 5000mAh	Factory option
Max working time		16 Hours	16 Hours	8 Hours
Standard Accessories	Carrying Bag	Yes	Yes	Yes
	BNC Cable	Yes	Yes	Yes
	Audio Cable	Yes	Yes	Yes
	CAT5 Cable (RJ45)	No	No	Yes
	Multi-Meter Cord	Yes	Yes	No
	AC Charger	Yes	Yes	Yes
	RS485 Cable	Yes	Yes	No
	4GB Micro SD Card	Yes	Yes	No
	Camera Power Cable	Yes	Yes	Yes

OTRIX TV

OTRIX TV introduced by OIC Korea is based on professional display technology and realizes sharp and natural picture quality which is different from general low cost TV. Also, because of its high resolution, it is a TV that is optimized for more smooth and detailed image quality.



「 Wide viewing angle 」



「 Uniform and compact backlight 」



「 USB and HDMI connectors 」



「 High resolution 」



「 MHL function 」

FEATURES OVERVIEW

- Display Size: 32, 43, 49, 55 Type
- High-resolution Display:
43, 49 Type : 1920X1080 Full HD TV
55 Type : 3840X2160 Ultra HD TV
- Simplistic Design that goes well with any place
- Direct LED Backlight with uniform screen
- 178 Degree Wide Viewing Angle Panel
- USB and HDMI connectors
- Fast, fast response
- A class panel of large corporations that believe and write
- If the depth of the image is different from the contrast ratio
- MHL function support
- Dual speaker 8W
- Hit product certification of the year
- C/S Center : **1644-2213**
- A/S Info : **1644-6060**
- Home page : **www.otrix.co.kr**



SPECIFICATION of OTRIX TV

General Features		OX-32LED	OX-43FHD	OX-49FHD	OX-55UHD	
Display	Active Screen Size	31.5 inches	42.5 inches	48.5 inches	55 inches	
	Backlight Type	D-LED	D-LED	D-LED	D-LED	
	Aspect Ratio	16:9	16:9	16:9	16:9	
	Resolution	1366 x 768 pixels	1920 x 1080 pixels	1920 x 1080 pixels	3840 x 2160 pixels	
	Color	16.7M	16.7M	16.7M	16.7M	
	Brightness (nits)	230nits	250nits	250nits	250nits	
	Contrast Ratio (O/C Typical)	3,000,000:1	5,000,000:1	5,000,000:1	8,000,000:1	
	Respond Time(G to G) O/C	8ms	8ms	8ms	6ms	
	Viewing Angle(H/V) O/C	178°/178°	178°/178°	178°/178°	178°/178°	
	TV System	RF Tuner	ATSC/NTSC	ATSC/NTSC	ATSC/NTSC	ATSC/NTSC
H.264		Yes	Yes	Yes	Yes	
Video Format		PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	
Audio	Audio Output	8W x 2	8W x 2	8W x 2	6W x 2	
	Speaker Type	Box Body	Box Body	Box Body	Box Body	
Inputs & Outputs	HDMI 1.4 Input	3	3	3	4	
	RF Input	1	1	1	1	
	Composite Video Input(RCA)	1	1	1	1	
	Component Video Input(RCA)	1	1	1	1	
	Audio Input(RCA,R/L)	1	1	1	1	
	VGA/PC Input	1	1	1	NA	
	VGA/PC Audio Input	1	1	1	NA	
	Earphone Out(Φ3.5mm)	1	1	1	1	
	SPDIF Optical Out	1	1	1	1	
	USB 2.0	1	1	1	1	
TV Feature	MHL	Yes	Yes	Yes	Yes	
	Dolby	Yes	Yes	Yes	Yes	
	USB	Video	Yes	Yes	Yes	Yes
		Music	Yes	Yes	Yes	Yes
		Picture	Yes	Yes	Yes	Yes
	OSD Language	Korea(default), English	Korea(default), English	Korea(default), English	Korea(default), English	
Power	Power Supply	100V~240V,50/60Hz	100V~240V,50/60Hz	100V~240V,50/60Hz	100V~240V,50/60Hz	
	Power Consumption-TV On	65W	75W	108W	138W	
	Power Consumption-Standby	<0.5W	<0.5W	<0.5W	<0.5W	
	Power Type	Internal Power	Internal Power	Internal Power	Internal Power	
	Power Line PIN Number	2	2	2	2	
Certificate	KC/CB	KC	KC	KC	KC	
Dimension	Product Size (WxDxH) without Stand	742.4 x 86 x 436.8 mm	984 x 86 x 573 mm	1109 x 81 x 653 mm	1242 x 70 x 721 mm	
	VESA Pattern	100 x 100 mm	200 x 200 mm	400 x 200 mm	400 x 200 mm	
Accessories	Remote	Yes	Yes	Yes	Yes	
	Batteries	Yes	Yes	Yes	Yes	
	User Manual	Yes	Yes	Yes	Yes	
	Stand	Yes	Yes	Yes	Yes	

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 Inch	24.0 Inch	32.0 Inch	42.0 Inch	46.0 Inch	55.0 Inch	70.0 Inch
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
Net. Weight	19.96 kg	25.58 kg	30.94 kg	37.51 kg	40.14 kg	50.94 kg	91.72 kg
Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Color	Black	Black	Black	Black	Black	Black	Black
Operating Temperature	0 ~ 40°C / 32 ~ 104°F						

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		
Display	Screen Size	15.0 inches	17.0 inches	19.0 inches	31.55 inches	42.0 inches	
	Resolution	1024 x 768 pixels	1280 x 1024 pixels	1280 x 1024 pixels	1920 x 1080 pixels	1920 x 1080 pixels	
	Pixel Pitch	0.297 x 0.297 mm	0.264 x 0.264 mm	0.294 x 0.294 mm	0.36375 x 0.36375mm	0.4845 x 0.4845mm	
	Brightness	1000 cd/m ²	1000 cd/m ²	1000 cd/m ²	600 cd/m ²	1200 cd/m ²	
	Brightness (Outdoor 80K)	1500 cd/m ²	1500 cd/m ²	1500 cd/m ²	1000cd/m ²	1600cd/m ²	
	Contrast Ratio	2500:1	1000:1	1000:1	1300:1	1300:1	
	Aspect Ratio	4:3	5:4	5:4	16:9	16:9	
	Viewing Angle (H/V)	160/130 degrees	170/160 degrees	170/160 degrees	178/178 degrees	176/176 degrees	
	Display Color	16.2 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	
Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL		
Interface	Video In/Out (BNC Type)	2/2	2/2	2/2	2/2	2/2	
	S-Video In/Out	1/0	1/1	1/1	1/1	1/1	
	VGA In (15Pin D-Sub)	1	1	1	1	1	
	DVI In/HDMI In	0/1	1/2	1/2	1/2	1/2	
	Audio L/R In (RCA Type)	1	2	2	2	2	
PC Stereo In	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)	
Transmitter	Remote Control	Y	Y	Y	Y	Y	
	Multi Display Function	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	
Special Features	Auto Pixel shift	N	N	N	Y	Y	
	Advanced Auto Power recovery	Y	Y	Y	Y	Y	
	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	
	Deinterlacing	Y	Y	Y	Y	Y	
	Trigger Source Switching	N	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	
	LCD Protection Glass	N	Y	Y	N	N	
	Noise reduction	Y	Y	Y	Y	Y	
	ransflective Enhancement	Y	Y	Y	Y	Y	
	RS-232c Control	N	N	N	Y	Y	
	Auto source sequencing	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	
	Dimension	Outline Dimension	348.0 x 297.2 x 81.3 mm	379.0 x 336.0 x 87.1 mm	416.6 x 363.2 x 86.4 mm	762.0 x 502.9 x 238.8 mm	985.5 x 627.4 x 238.8 mm
		Net Weight	5.00 kg	5.94 kg	7.39 kg	21.55 kg	24.95 kg
		Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back	Black/Tilt Back	Black/Desktop Stand
Power	Cabinet Material	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	
Circumstance	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	
	Operating Temperature	0~65 celsius	0~50 celsius	0~50 celsius	0~50 celsius	0~50 celsius	
	Storage Temperature	-20~65 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	
Mounts	VESA Mounts Size	100 x 100 mm	100 x 100 mm	100 x 100 mm	200 x 200 mm	400 x 300 mm	
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01 with FMA-01	CMH-01	
	Wall	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	N/A	N/A	

MOUNTS & ACCESSORY LIST



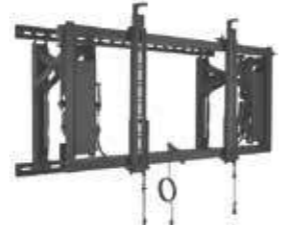

■ SPECIFICATION of Additional Mounts



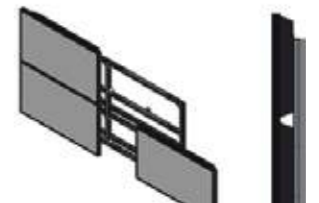

WB-5 Flat Wall mount <ul style="list-style-type: none"> ■ Fits most 13" to 27" flat panel ■ VESA™ 75 x 75mm, 100 x 100mm ■ Max weight 29.94 kg 	WB-10 3 Directional <ul style="list-style-type: none"> ■ Fits 8" to 24" flat panel ■ Tilt UP / Down 180° ■ Pivot 180°, Swivel L/R 90° ■ VESA™ 75 x 75mm, 100 x 100mm ■ Max weight 14.97 kg 	WB-30 Swing Out <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 	WB-31 Swing Out Arm <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 
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FMA-01 Flat Mount Adapter Plate <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 	CMA-01 Single Lower Mount <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 
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WB-S3763 Swing Out Arm <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 	WB-2642 Slim Tilt <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 <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 	WB-4780 Slim Tilt <ul style="list-style-type: none"> ■ Fits 42" to 70" flat panel ■ Depth from Wall 1.8" ■ 10° adjustable tilt ■ Mounting patterns up to 805 x 610mm ■ Max weight 74.84 kg 
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CMA-02 Dual Lower Mount <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 	CMK-01 Flat Panel <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 <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 	CMH-01 Ceiling Flat Panel <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 
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WB-7080 <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 	WBLS Pull-Out <ul style="list-style-type: none"> ■ Fits 32" to 46" flat panel ■ Mounting profile 50-202mm ■ Max VESA™ 600 x 400mm ■ Mounting patterns up to 696 x 400mm ■ Max weight 44.91 kg 	WBLS3 Pull-Out <ul style="list-style-type: none"> ■ Fits 42" to 80" flat panel ■ Mounting profile 689~348mm ■ Max VESA™ 700 x 400mm ■ Tool-free easy alignment ■ Serviceability & Rigidity ■ Max weight 68.04 kg 	RMK-08 Rack Mount Kit <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 
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WSD Swing Door Mount Solutions <ul style="list-style-type: none"> ■ Video Wall Mount Swing Out Door type ■ Open each door individually for full access to the rear of the monitor ■ With X,Y,Z Axis adjustments for each corner ■ Made with heavy gage steel ■ Weight and max load vary by monitor size 	WFS Free Standing Mount Solutions <ul style="list-style-type: none"> ■ Video Wall Mount Stand Alone Floor supported type ■ Options: Extended Scissor, Swing out door, Fixed position ■ Ceiling to floor support also available ■ Made of Heavy Duty Aluminum ■ Weight and max load vary by monitor size 	WSR Slide Rail Mount <ul style="list-style-type: none"> ■ Video Wall Mount Fixed Position type ■ Interlocking, grid included, no rear access to the monitor unless you cut away the dry wall and leave the studs ■ Made of reinforced steel tubing ■ Weight and max load vary by monitor size 	WES Scissor Mount Solutions <ul style="list-style-type: none"> ■ Video Wall Mount Extended Scissor type surface mount ■ Provides easy access to the rear of each monitor ■ With X,Y,Z Axis adjustments for each corner ■ Made with heavy gage steel 
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