



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 3.5" 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		R4K46SNF	R4K46UNF/UHF	R4K46ENF/EHF	R4K48NMF	R4K55UNF/UHF	R4K55ENF/EHF	R4K70NMF	R4K82NMF	
Display	Bezel Width	BEZEL to BEZEL	5.7 mm	3.5 mm	1.7 mm	19.8 mm	3.5 mm	1.7mm	40.0 mm	60.5 mm
	Screen Size		46.0 inches	46.0 inches	46.0 inches	48.0 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
	Pixel Pitch		0.530 x 0.530 mm	0.530 x 0.530 mm	0.530 x 0.530 mm	0.530 x 0.530 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		500 cd/m ²	500 cd/m ² 700 cd/m ²	500 cd/m ² 700 cd/m ²	500 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		3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	4000:1	5000:1
	Aspect Ratio		16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	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
	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
	Response Time		8 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
Interface	Video System		NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
	Display Port In		1	1	1	1	1	1	1	
	VGA In (15Pin D-Sub)		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	
Transmitter	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	
Special Features	Remote Control		Y	Y	Y	Y	Y	Y	Y	
	RS-232 Control		Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	Monitor OSD & Multi Vision	
	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	
Dimension	Multi Lingual Language		Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	Eng, SP, FR, GR	
	Outline Dimension		40.3 x 22.781 x 5.74 inches	40.24 x 22.70 x 5.32 inches	40.14 x 22.70 x 5.32 inches	40.24 x 22.70 x 5.04 inches	47.78 x 26.94 x 5.28 inches	47.68 x 26.83 x 5.28 inches	63.09 x 36.39 x 4.21 inches	73.17 x 42.69 x 4.72 inches
	Net Weight		66.0 lbs	66.0 lbs	66.0 lbs	66.0 lbs	74.8 lbs	81.0 lbs	144.40 lbs	262.35 lbs
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		< 138 W	< 121 W < 162 W	< 121 W < 162 W	< 210 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)
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
	Storage Temperature		-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~65 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size		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
	Stand Alone		WB-4663	WB-4663	WB-4663	WB-4663	WB-4663	WB-4663	WB-7080	WB-7080

4K
Daisy Chain

HDMI In/Out

DVI In/Out

Display Port Input

Auto Calibration

Pixel Shift

Line Edge

S/W
Command Control

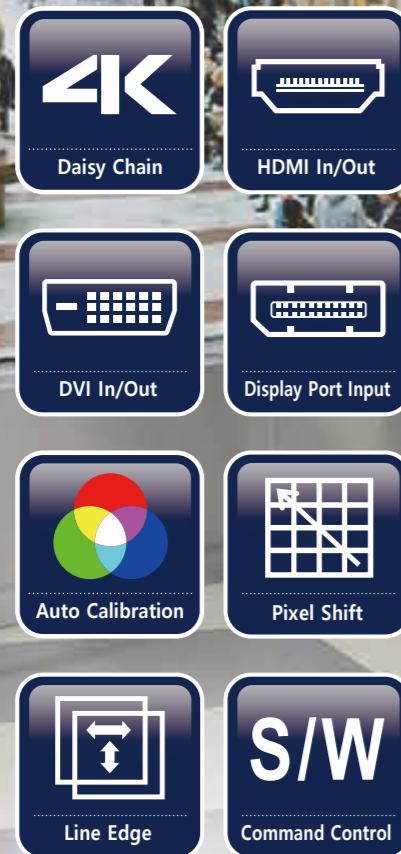
R4K(UHD) Series **4K VIDEO WALL**

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	
Display	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
	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
Interface	Video System		NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	
	Display Port In		1	1	1	1	1	
	VGA In (15Pin D-Sub)		1	1	1	1	1	
	HDMI In / Out		1/1	1/1	1/1	1/1	1/1	
	DVI In / Out		1/1	1/1	1/1	1/1	1/1	
	RS-232 In/Out		1/1	1/1	1/1	1/1	1/1	
Transmitter	Audio Out		1	1	1	1	1	
	Remote Control		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	
	Deinterlacing		Y	Y	Y	Y	Y	
	Auto Pixel Shift		Y	Y	Y	Y	Y	
	One Stretch Image by Edge Set		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	
Dimension	Outline Dimension		43.3 x 24.9 x 4.02 inches	48.74 x 27.9 x 4.55 inches	57.27 x 32.77 x 4.07 inches	66.16 x 37.7 x 5.31 inches	75.77 x 43.13 x 4.47 inches	86.23 x 49.02 x 5.16 inches
	Net Weight		77.16 lbs	81.6 lbs	116.85 lbs	154.3 lbs	176.37 lbs	198.42 lbs
Cabinet	Cabinet Color		Black	Black	Black	Black	Black	
	Cabinet Material		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	Audio out (Phone Jack)	1	1	1	1
	Built in Speakers	Y	Y	Y	Y
Transmitter	Remote Control	Y	Y	Y	Y
	Multi Display Function	Y	Y	Y	Y
Special Features	Noise Reduction	Y	Y	Y	Y
	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
	Super Resolution	Y	Y	Y	Y
Dimension	Outline Dimension (w Stand)	25.91 x 17.28 x 6.3 inches	35.43 x 22.38 x 9.45 inches	49.15 x 30.39 x 9.45 inches	66.36 x 38.92 x 3.65 inches
	Net Weight	17.6 lbs	39.7 lbs	77.0 lbs	154.32 lbs
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, GPIs, 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
Operaing 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)	7.35 x 1.09 x 4.98 inches	17.5 x 1.75 x 19.7 inches	17.5 x 3.5 x 23.6 inches

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-Viwer 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 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	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	19.0 x 7.0 x 21.0 inches	19.0 x 7.0 x 19.65 inches	19.0 x 7.0 x 19.65 inches
Accessories	Optical Mouse, Keyboard, DP to DVI adaptors, Manual		
Weight	45 lbs	55 lbs	55 lbs

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	42RCE	43RCE	43RCA	49RCE	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	42.0 inches	43.0 inches	43.0 inches	49.0 inches	55.0 inches
	Resolution	1024 x 768 pixels	1280 x 1024 pixels	1280 x 1024 pixels	1920x1080 pixels	1280 x 1024 pixels	1920 x 1080 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	0.297 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	0.4833 x 0.4833 mm	0.4902 x 0.4902 mm	0.4902 x 0.4902 mm	0.55926 x 0.55926 mm	0.63 x 0.63 mm
	Brightness	430 cd/m ²	350 cd/m ²	350 cd/m ²	250 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	260 cd/m ²	260 cd/m ²	300 cd/m ²	300 cd/m ²
	Contrast Ratio	800:1	1000:1	1000:1	1000:1	1000:1	5000:1	5000:1	1600 : 1	1200 : 1	1200 : 1	1200 : 1	5000 : 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	16 : 9
	Viewing Angle(H/V)	160°/145°	160°/160°	160°/160°	170°/160°	170°/160°	178°/178°	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	16.7 Million
	Response Time	< 35ms	< 5ms	< 5ms(rise time), 5ms(fall time)	< 5ms	< 5ms	< 8ms	< 8ms	< 8ms	< 8ms	< 8ms	< 9ms	< 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	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	2 / 1
	VGA In (15Pin D-Sub)	1	1	1	1	1	1	1	1	1	1	1	1
	HDMI In	1	1	1	1	1	1	1	1	1	1	1	1
	Audio In (RCA type)	1	1	1	1	1	1	1	1	1	1	1	1
Audio Out (RCA type)	1	1	1	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 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)
Transmitter	Remote Control	Yes	Yes	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	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	English, Chinese
Dimension	Outline Dimension without Stand (WxHxD) : inches	12.58 x 10.81 x 1.71	15.04 x 12.40 x 1.71	16.81 x 13.82 x 1.77	20.39 x 12.54 x 1.91	22.16 x 13.46 x 2.03	29.13 x 17.72 x 3.35	28.6 x 16.93 x 3.7	38.7 x 23.2 x 3.54	38.07 x 9.44 x 24.01	38.11 x 24.8 x 10.2	45.09 x 26.86 x 4.17	50.19 x 29.52 x 3.98
	Net Weight	5.83 lbs	7.37 lbs	7.81 lbs	6.6 lbs	7.7 lbs	35.64 lbs	14.33 lbs	54.23 lbs	41.67 lbs	21.43 lbs	61.6 lbs	80.63 lbs
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	Black / Yes
	Cabinet Material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	Metal	Plastic	Metal	Alumium / 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	RoHS	FCC, CE, RoHS	FCC, CE, RoHS
Power	Consumption : < On	< 25W	< 35W	< 35W	< 30W	< 30W	< 80W	< 80W	< 100W	< 65W	< 65W	< 80W	< 150W
	Standby Mode	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 0.5W	< 0.5W	< 1W	< 1W
	Electrical Ratings	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) DC 12V / 4A	AC100 ~ 240V(50/60Hz) DC 12V / 4A	AC100 ~ 240V(50/60Hz) DC 12V / 3A	AC100 ~ 240V(50/60Hz) 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	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	-10 ~ 60°C	-20 ~ 60°C / -4 ~ 140°F	-20 ~ 60°C / -4 ~ 140°F
Mounts	VESA Mounts Size	75 x 75 mm	75 x 75 mm	75 x 75 mm	75 x 75 mm	75 x 75 mm	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 400 mm	400 x 400 mm	600 x 200 , 200 x 200 mm	700 x 200 , 200 x 200 mm
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01	CMK-01	CMH-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	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	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
	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	2D Comb Filter	2D Comb Filter
		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	18.98 x 8.66 x 1.97 inches	18.98 x 13.90 x 2.87 inches	18.98 x 13.90 x 2.87 inches
	Net Weight	7.6 lbs	13.64 lbs	14.96 lbs
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
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	Tiltable Rack Mount	Tiltable Rack Mount	Tiltable 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
PC Stereo In	1	1	1	
Audio	Built in Speakers	Y (1W*1)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	N	Y	Y
		N	PIP/PBP	PIP/PBP
Special Features	Multi Display Function	Dual Composite Display	Dual Composite Display	Dual Composite Display
		Filter Type	3D Adaptive Deinterlacer	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)	13.66 x 11.65 x 3.19 inches	14.92 x 13.23 x 3.43 inches	16.38 x 14.37 x 3.43 inches
	Net Weight	10.14 lbs	12.12 lbs	13.78 lbs
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	< 18 watts	< 20 watts	< 24W
		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	0 ~ 40°C / 32 ~ 104°F
	Storage Temperature	-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
	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

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*2)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	N	N	N
Special Features	Filter Type	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer	3D Adaptive Deinterlacer
	Deinterlacing	Y	Y	Y
	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)	18.35 x 13.82 x 5.91 inches	20.90 x 15.34 x 7.88 inches	21.63 x 16.50 x 7.88 inches
	Net Weight	7.56 lbs	8.82 lbs	9.46 lbs
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 celsius	-20~60 celsius	-20~60 celsius
Mounts	VESA Mounts Size	75 x 75 mm	75 x 75 mm	75 x 75 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

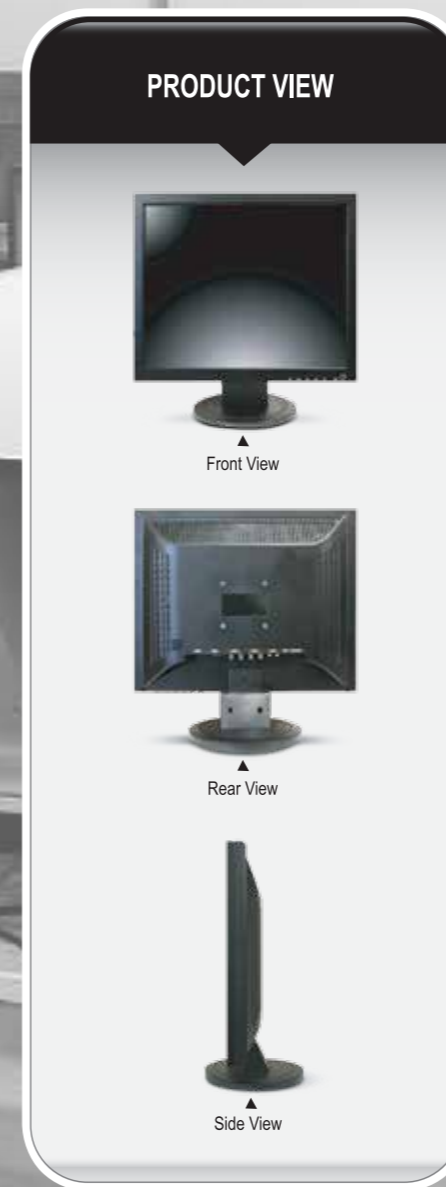
ECONOMY · VALUE SERIES

The Value series 19RCA, 19RTV series are a step up from the RCM series with added features like 3D Adaptive Deinterlace, Noise Reduction, Auto Source Sequencing and optional LCD Protection Glass to avoid any damages of panel.



■ SPECIFICATION of RTV

General Features		19RTV	19RCA
Display	Screen Size	19.0 inches	19.0 inches
	Resolution	1280 x 1024 pixels	1280 x 1024 pixels
	Pixel Pitch	0.294 x 0.294 mm	0.294 x 0.294 mm
	Brightness	250 cd/m ²	250 cd/m ²
	Contrast Ratio	1000:1	1000:1
	Aspect Ratio	5:4	5:4
	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)	2/2	2/2
	S-Video In/Out	1/0	1/1
	VGA In (15Pin D-Sub)	1	1
	DVI In/HDMI In	0/1	0/0
	Audio In (RCA Type)	1	2
	PC Stereo In	1	1
Audio	Built in Speakers	Y (1W*2)	Option
Transmitter	Remote Control	Y	Option
	Filter Type	2D Comb Filter 3D Adaptive Deinterlacer	3D Comb Filter 3D Adaptive Deinterlacer
Special Features	LCD Protection Glass	Y (OPTION)	Y (OPTION)
	Noise reduction	Y	N
	Auto source sequencing	Y	N
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Dimension	Outline Dimension (w Stand)	16.59 x 16.57 x 7.87 inches	16.59 x 16.57 x 7.87 inches
	Net Weight	13.2 lbs	13.2 lbs
Cabinet	Cabinet color/Base Stand	Black/Desktop Stand	Black/Desktop Stand
	Cabinet Material	ABS	ABS
Power	Consumption	< 21 W	< 26 W
	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	RMK-08	RMK-08



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	42REDP
Display	Screen Size	9.7 inches	18.5 inches	21.5 inches	23.0 inches	27.0 inches	31.55 inches	41.92 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	0.4845 x 0.4845 mm
	Brightness	390 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	450 cd/m ²	500 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	178/178 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
Audio	PC Stereo In	1	1	1	1	1	1	1
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (1W*2)	Y (7.5W*2)	Y (10W*2)
Transmitter	Remote Control	N	Y	Y	Y	Y	Y	Y
	Multi Display Function	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
Special Features	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)	8.46 x 7.44 x 2.81 inches	17.6 x 11.6 x 3.1 inches	20.4 x 13.1 x 3.1 inches	21.7 x 13.9 x 3.1 inches	25.2 x 16.89 x 6.3 inches	28.82 x 19.14 x 6.3 inches	37.95 x 24.57 x 9.45 inches
	Net Weight	4.5 lbs	13.42 lbs	13.7 lbs	15.6 lbs	18.74 lbs	28.22 lbs	48.06 lbs
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)	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 12 V	DC 12 V	DC 12 V	DC 12 V	DC 12 V, 5 A	N/A	N/A
	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
Mounts	Storage Temperature	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius
	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-01	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		19HSDI3G	23HSDI3G	27HSDI3G	32HSDI3G	42HSDI3G	55HSDI3G
Display	Screen Size	18.5 inches	23.0 inches	27.0 inches	31.55 inches	41.92 inches	54.6 inches
	Resolution	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	0.3 x 0.3mm	0.2652 x 0.2652 mm	0.3114 x 0.3114 mm	0.364 x 0.364 mm	0.4845 x 0.4845 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
	SD-SDI	480i/59.94, 575i/50	480i/59.94, 575i/50	480i/59.94, 575i/50	480i/59.94, 575i/50	480i/59.94, 575i/50	480i/59.94, 575i/50
		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	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	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
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	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
	Multi Display Function	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
Special Features	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	
	Deinterlacing	Y	Y	Y	Y	Y	
	Trigger Source Switching	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	Y (NO/NC)	
	LCD Protection Glass	N	N	N	Y	Y	
	Noise reduction	Y	Y	Y	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 (w Stand)	17.64 x 11.72 x 3.58 inches	21.73 x 13.90 x 3.48 inches	25.2 x 16.89 x 6.30 inches	28.82 x 19.14 x 6.30 inches	37.95 x 24.57 x 9.45 inches	49.33 x 30.59 x 9.45 inches
	Net Weight	10.8 lbs	14.55 lbs	19.40 lbs	29.32 lbs	50.04 lbs	77.0 lbs
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.



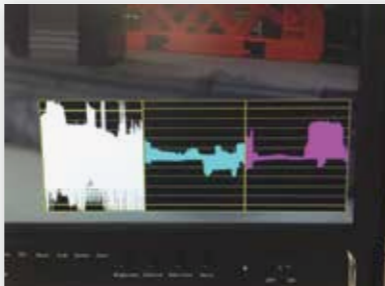
SPECIFICATION of HLM3G

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
		SD-SDI	480i/59.94, 575i/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&B)	1080p/50, 59.94, 60 (Level A&B)
Audio	Audio In (RCA Type)	2 (L + R)	2 (L + R)
	Built in Speakers	Y (1W*2)	Y (1W*2)
Remote Control	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)	17.95 x 12.99 x 4.53 inches	20.07 x 16.41 x 5.91 inches
	Net Weight	13 lbs	23.1 lbs
Cabinet	Cabinet color/Base Stand	Black/Tilt Back	Black/Tilt Back
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	25 W	40 W
	Electrical Ratings	AC 100~240 V (50/60Hz) DC 12V Battery / XLR	AC 100~240 V (50/60Hz) 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
Interface	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL
	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
Audio	PC Stereo In	1	1	1
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (7.5W*2)
Transmitter	Remote Control	Y	Y	Y
	4.2OS Quad Core	Built-in	Built-in	Built-in
Android PC	Internal Memory	8GB	8GB	8GB
	Wifi	802.1b/g/n	802.1b/g/n	802.1b/g/n
Special Features	Multi Display Function	PIP	PIP	PIP
	Auto source sequencing	Y	Y	Y
	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)	21.97 x 15.61 x 3.15 inches	25.79 x 17.85 x 3.15 inches	31.2 x 21.7 x 4.5 inches
	Net Weight	13.78 lbs	19.84 lbs	28.22 lbs
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



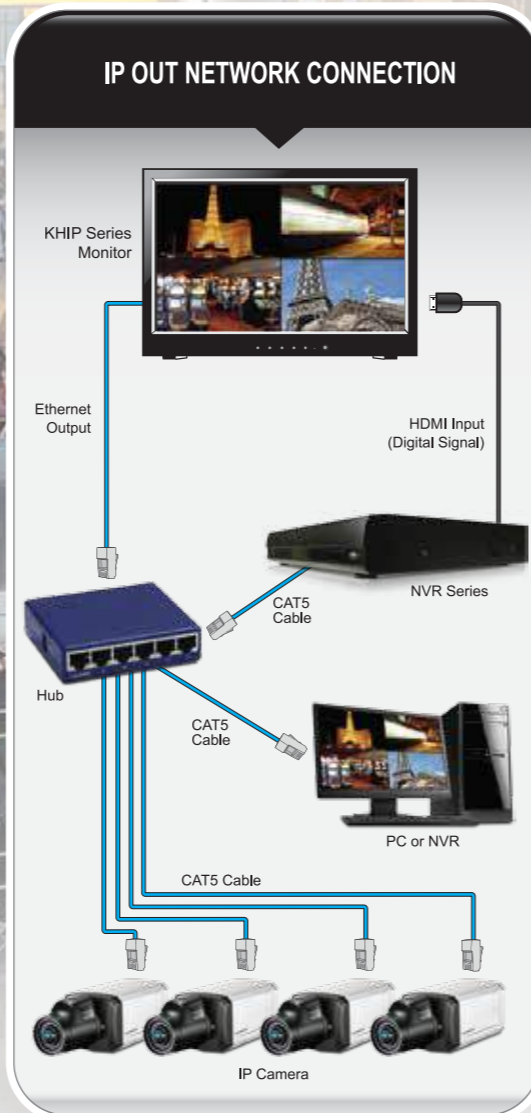
IP OUT MONITOR SERIES

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 backlight.



■ 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
	Video System	NTSC/PAL	NTSC/PAL
Interface	HDMI In	1	1
	RJ45 for IP	1	1
Audio	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	20.15 x 15.35 x 7.88 inches	41.33 x 23.74 x 3.82 inches
	Net Weight	8.9 lbs	69.23 lbs
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, WBL52
	Rack Mount	CMK-01	CMK-01



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
	WiFi 802.11b/g/n	Yes (ONVIF)	Yes (ONVIF)	Yes (Not for Camera Video)
	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	No
	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
Standard Accessories	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
	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	

IP HD PUBLIC VIEW MONITOR

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



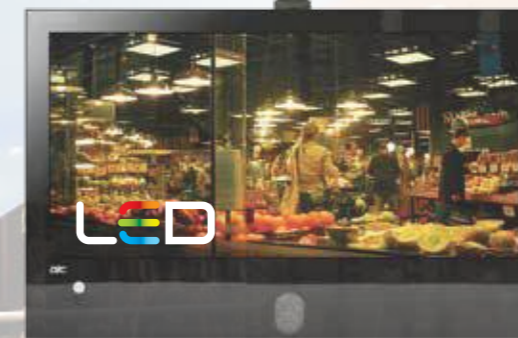
■ SPECIFICATION of IP PVM

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
	Response Time	20 ms	5 ms	8 ms	8 ms
	Video System	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	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
	HDMI In	0	1	1	1
	Audio In (RCA Type)	0	1	1	1
Audio 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
	Dimension	Outline Dimension (w Stand)	9.64 x 7.44 x 1.38 inches	21.73 x 15.26 x 4.13 inches	25.75 x 17.78 x 4.13 inches
Net Weight		4.85 lbs	22.0 lbs	23.6 lbs	35.2 lbs
Cabinet	Cabinet color	Black	Black	Black	Black
	Cabinet Material	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel	Electro-Galvanized Steel
Power	Consumption	< 12 watts	< 40 watts	< 50 Watts	< 60 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)
	DC Inputs	DC12 - 24V or PoE	N/A	N/A	N/A
Circumstance	Operating Temperature	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
Mounts	VESA Mounts Size	75 x 75mm	200 x 200 mm	200 x 200 mm	200 x 200 mm
	Ceiling Mount	CMK-01	CMK-01	CMK-01	CMK-01
	Wall	WB-5, 10, 30	WB-2642	WB-2642	WB-2642



PUBLIC VIEW MONITOR SERIES

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



■ 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
	Response Time	5 ms	5 ms	8 ms
Interface	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 In (RCA Type)	1	1	1
Audio	PC Stereo In	1	1	1
	Built in Speakers	Y (1W*2)	Y (1W*2)	Y (1W*2)
Transmitter	Remote Control	Y	Y	Y
	Multi Display Function	PIP	PIP	PIP
Special Features	Filter Type	3D Comb Filter	3D Comb Filter	3D Comb Filter
	Deinterlacing	Y	Y	Y
	LCD Protective Shield	N	N	N
	Noise reduction	Y	Y	Y
	Auto source sequencing	Y	Y	Y
	Multi Lingual Language	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT	Eng, SP, FR, GR, IT
Camera	Motion Detection	PIR Motion Sensor	PIR Motion Sensor	PIR Motion Sensor
	Camera Type	WDR	WDR	WDR
	Mechanical Design	Tilt Swivel Camera	Tilt Swivel Camera	Tilt Swivel Camera
	Image Sensor	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
	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
	Dimension	Outline Dimension (w Stand)	16.46 x 15.81 x 3.15 inches	21.73 x 15.26 x 3.15 inches
Net Weight		14.33 lbs	5.4 lbs	24.25 lbs
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

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 (Inch)	21.5 x 19.7 x 8.4	28.4 x 20.6 X 8.4	35.2 x 24.8 x 9.1	44.3 x 29.9 x 9.1	49.6 x 33.5 x 9.0	56.3 x 38.4 x 9.1	68.8 x 45.3 x 9.7
Net. Weight	44.0 lbs	59.4 lbs	68.2 lbs	82.7 lbs	88.5 lbs	112.3 lbs	202.2 lbs
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
Special Features	Multi Display Function	N	PIP/PBP	PIP/PBP	PIP/PBP	PIP/PBP
	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	13.7 x 11.7 x 3.2 inches	14.92 x 13.23 x 3.43 inches	16.4 x 14.3 x 3.4 inches	30.0 x 19.8 x 9.4 inches
Net Weight		11.0 lbs	13.10 lbs	16.30 lbs	47.5 lbs	55.0 lbs
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 12 V	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
	Operating Temperature	0~65 celsius	0~50 celsius	0~50 celsius	0~50 celsius	0~50 celsius
Mounts	Storage Temperature	-20~65 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius	-20~60 celsius
	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



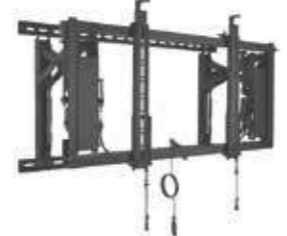

SPECIFICATION of Additional Mounts

WB-5 Flat Wall mount	WB-10 3 Directional	WB-30 Swing Out	WB-31 Swing Out Arm
<ul style="list-style-type: none"> Fits most 8" to 24" flat panel VESA™ 75 x 75mm, 100 x 100mm Max weight 33 lbs 	<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 33 lbs 	<ul style="list-style-type: none"> Fits 8" to 24" flat panel 90° Swing L/R, +/- 15° Tilt, Pivot 360° Extends 3.5" to 17" VESA™ 75 x 75mm, 100 x 100mm Max weight 33 lbs 	<ul style="list-style-type: none"> Fits 17" to 37" flat panel 180° Swing Left / Right +/- 15° tilt Extends 2" to 15" VESA™ 75 / 100 / 200mm Max weight 44 lbs
			

FMA-01 Flat Mount Adapter Plate	CMA-01 Single Lower Mount
<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
	

WB-S3763 Swing Out Arm	WB-2642 Slim Tilt	WB-4663 Slim Tilt	WB-4780 Slim Tilt
<ul style="list-style-type: none"> Fits 37" to 63" flat panel Extends from 4.9" to 20" +/- 15° tilt, 120° swivel Mounting patterns up to 826 x 404mm Max weight 175 lbs 	<ul style="list-style-type: none"> Fits 26" to 47" flat panel Depth from Wall 1.8" 10° adjustable tilt Mounting patterns up to 405 x 410mm Max weight 165 lbs 	<ul style="list-style-type: none"> Fits 37" to 63" flat panel Depth from Wall 1.8" 10° adjustable tilt Mounting patterns up to 805 x 410mm Max weight 165 lbs 	<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 165 lbs
			

CMA-02 Dual Lower Mount	CMK-01 Flat Panel	CMK-01S Flat Panel	CMH-01 Ceiling Flat Panel
<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 66 lbs 	<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 55 lbs 	<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 165 lbs
			

WB-7080	WBLS Pull-Out	WBLS3 Pull-Out	RMK-08 Rack Mount Kit
<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 300 lbs 	<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 99 lbs 	<ul style="list-style-type: none"> Fits 42" to 70" flat panel Mounting profile 689~348mm Max VESA™ 700 x 400mm Tool-free easy alignment Serviceability & Rigidity Max weight 150 lbs 	<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 20 lbs
			

WSD Swing Door Mount Solutions	WFS Free Standing Mount Solutions	WSR Slide Rail Mount	WES Scissor 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 	<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 	<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 	<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
