4K Professional Video Wall Solutions

Create stunning video walls

43", 55" and 65" LCD UHD Monitors

American Dynamics Professional Video Wall Monitors produce sharp, true color images that can be used in security rooms and a variety of other applications.

These LCD displays are the perfect solution for Ultra High Definition (UHD) video walls. Equipped with a standalone 3840 x 2160 resolution panel and the ability to take a single video source and display it across multiple panels, they are an excellent choice for command & control centers where fine details are critical.

Designed for constant use

Unlike plasma technology, LCD video walls require less power. A built-in auto pixel shift feature protects against image burn in of static content making it ideal for constant use.

Ultra-narrow bezel

Individually mounted consumer grade monitors leave distracting gaps between the screens. With our ultra-narrow bezel monitors arranged in a tiled video wall configuration, there are virtually no inter-screen borders.

Key Features

- Spread one image across multiple monitors using one video source
- Video wall processor built in
- Remote display management
- Display Port – Input (1)/ Output (1)
- HDMI Inputs (3)/VGA Input (1)/ DVI Input (1)
- RS-232C Input/Output for PC/ Server control
- Control panel lock (panel or IR)
- Auto power recovery
- Auto pixel shift
- All metal chassis
- PIP/PBP/TRI/QUAD displays
- VESA standard hole patterns

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Technical Specifications

Physical	43" LCD UHD Monitor	55" LCD UHD Monitor	65" LCD UHD Monitor
Dimensions (W x H x D)	962 x 554.8 x 72mm (37.87" x 21.84" x 2.83")	1238 x 708.7 x 63mm (48.74" x 27.90" x 2.48")	1452.2 x 830 x 70.1mm (57.17" x 32.68" x 2.76")
Weight (Net)	23kg (50.70lbs)	26kg (57.32lbs)	40kg (88.18lbs)
Bezel (T/B/L/R)	9.4/9.4/10.7/10.7mm	9.4/9.4/10.7/10.7mm	10.86/10.86/10.7/10.7mm
Display			
Screen Size	42.51"	54.64"	64.53"
Max. Resolution	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz
Pixel Pitch	0.2451 x 0.2451mm	0.315 x 0.315mm	0.372 x 0.372mm
Brightness	500cd/m^2	500cd/m^2	500cd/m^2
Contrast Ratio	1100:1	1100:1	1100:1
Aspect Ratio	16:9	16:9	16:9
Viewing Angle	178° / 178°	178° / 178°	178° / 178°
Display Color	1.07Billion (10bits)	1.07Billion (10bits)	1.07Billion (10bits)
Response Time	< 8ms (Gray to Gray)	< 8ms (Gray to Gray)	< 8ms (Gray to Gray)
Video System	NTSC / PAL	NTSC / PAL	NTSC / PAL
Interface			
Display Port In/Out	1/1	1/1	1/1
HDMI Input	3	3	3
DVI In	1	1	1
VGA In	1	1	1
RS232 In/Out	1/1	1/1	1/1
Audio Out (3.5 Ø stereo)	1	1	1
Transmitter			
IR Remote Control	Yes (Option)	Yes	Yes (Option)
Environmental			
Operating Temperature	0° ~ 40° C / 32° ~ 104° F	0° ~ 40° C / 32° ~ 104° F	0° ~ 40° C / 32° ~ 104° F
Electrical			
Electrical Ratings	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)	AC 100 ~ 240V (50/60Hz)
Power Consumption	< 100W	< 190W	< 150W
Features			
Multi Display Function	PBP/PIP/QUAD	PBP/PIP/QUAD	PBP/PIP/QUAD
Temperature Sensor	Yes (Option)	Yes (Option)	Yes (Option)
De-Interlace	Yes	Yes	Yes
Noise Reduction	Yes	Yes	Yes
Auto Fan Control System	Yes (Option)	Yes (Option)	Yes (Option)
Auto Pixel Shift	Yes	Yes	Yes
Auto Source Switching	Yes	Yes	Yes
Edge Setting (Horizontal/ Vertical)	Yes	Yes	Yes
Advance Auto Power Recovery	Yes	Yes	Yes
Language	English	English	English
RS-232C Control	Monitor OSD control using PC	Monitor OSD control using PC	Monitor OSD control using PC
Mounts			
VESA Mount Size	600 x 400mm	600 x 400mm	600 x 400mm

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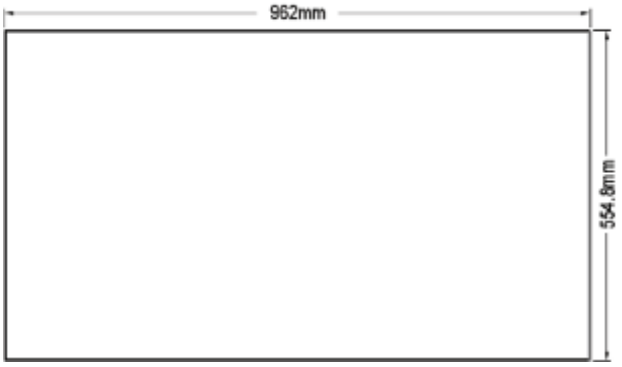
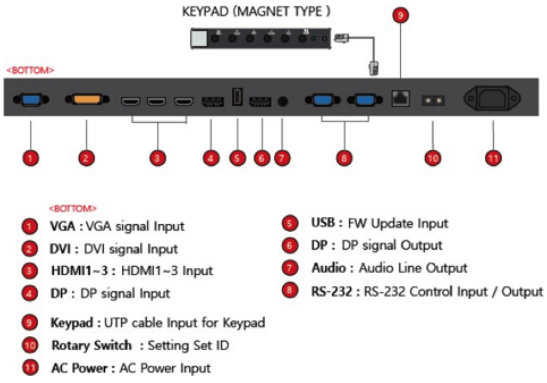
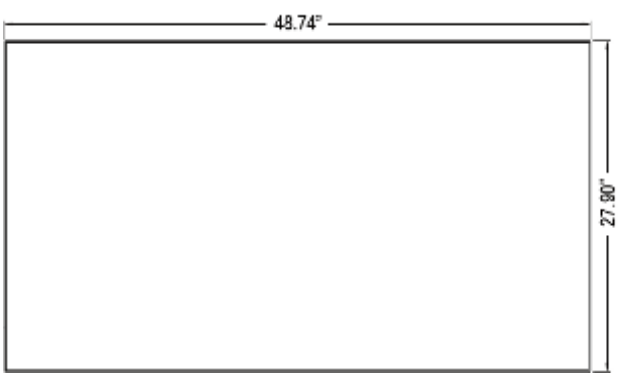
Warranty			
Parts/Labor	3 years	3 years	3 years

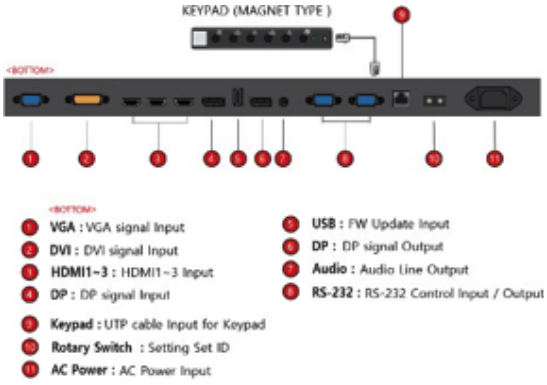
43” LCD UHD Monitor



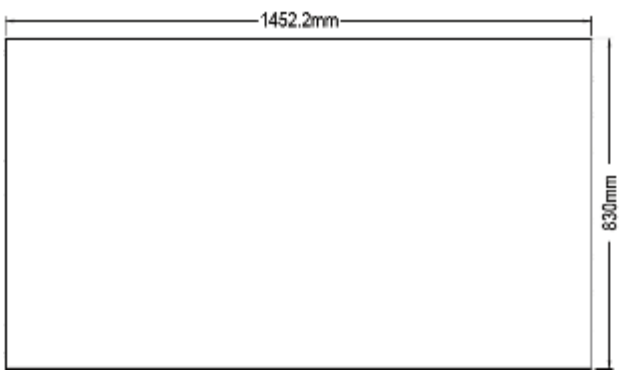


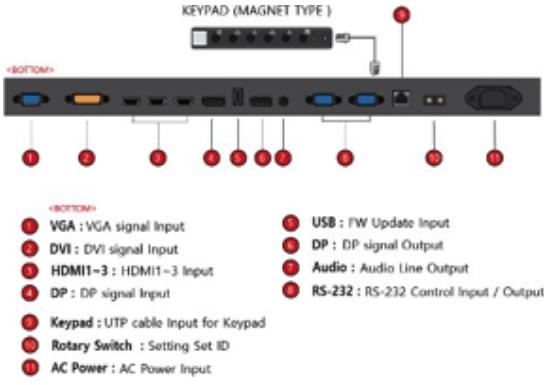
55” LCD UHD Monitor





65” LCD UHD Monitor





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Ordering Information

Model Numbers	Description
Monitors	
ADLCD43MB4K	43" LCD UHD 4K Monitor with HDMI, DP, DVI, VGA
ADLCD55MB4K	55" LDC UHD 4K Monitor with HDMI, DP, DVI, VGA
ADLCD65MB4K	65" LDC UHD 4K Monitor with HDMI, DP, DVI, VGA
Optional Accessories	
ADWP4370B	Precision wall mount for 43"–70" displays, Black
ADVC-VWC-5MCBL	victor WS video wall control 5M cable kit (USB to RS232)

About Johnson Controls

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Building on a proud history of more than 135 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, with a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world`s largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

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