

Commercial Grade LCD DiD/Video Wall ALM DiD Series



The ALM DiD Series (46" 52" 70" 82") open frame LCD can be used as a single unit or for creating video walls designed for commercial applications including digital signage, public displays, kiosks, and other various indoor and outdoor uses.

Commercial grade DiD panel from Samsung

Full HD 1920x1080 resolution on all of ALM DiD series

Built in video wall processor controls up to a 16x16 matrix

Analog & digital video signal(DVI/HDMI) daisy chain capability

Module kit design which allows for easy servicing with the use of our swing-out mounting system

Optional Autostereoscopic 3D, Touch Screen/eWhiteboard and cosmetic bezel systems

Easy to use software control RS232 or remote control

Designed and assembled in the U.S.



ALM4602

ALM5201

ALM7002

ALM8201

*Contact AKIRA for additional sizes

Commercial grade LCD designed & assembled in USA

Endless Possibilities



A L M DiD Series

Commercial Grade LCD Digital Signage



ALM DiD Series LCD



Standard Features

- FHD** ALM460 has been upgraded to Full HD resolution. All of ALM DID series are 1920x1080 full HD resolution
- NBE** Narrow bezel enclosure on 46" and 52" for video wall application
- Anti-Burn In** Prevention for long term static images
- ACS** (Auto Cooling System) automated heat sensors and fans operate only when needed for quieter operation while maintaining optimal temperature (ALM700, ALM820)
- APT** (Auto Power Timer) automated timer allows scheduling when AC power is detected
- NDS** (No Dismantle For Service) Module system allows for quick servicing without dismantling unit with use of our swing out wall mount
- PIP/POP** Picture-in-Picture and Picture-on-Picture
- VWP** (Video Wall Processor) Single and/or multiple images controlled by built in processor for video wall application, user friendly program included
- DSD** (Digital signal daisy chain) HDMI with HDCP compliance (Video Signal Only)
- SPS** Sequential Power ON & OFF for surge prevention

Optional Features

- ASER** (Automatic Status & Error Report) automatic status updates and error messages sent through RS232C
- AMP** (Adaptive Multimedia Player) optional PC with USB inputs and ethernet capability
- RFRC** (Radio Frequency Remote Controller) control monitors can be used from any location

Accessories

- Protective glass and cosmetic bezel
- Custom mounts and swing out mounts
- Custom floor stands
- Custom containers

SPECIFICATIONS

Model	ALM 4602	ALM 5201	ALM 7002	ALM 8201
LCD Panel				
Samsung DID Commercial Grade Panel				
Screen Size	46 Inch	52 Inch	70 Inch	82 Inch
Native Resolution	1920 x 1080	1920 x 1080(WUXGA)	1920 x 1080(WUXGA)	1920 x 1080(WUXGA)
Pixel Pitch	0.7455 x 0.7455 mm	0.6 x 0.6 mm	0.807 x 0.807 mm	0.9405 x 0.9405 mm
Brightness(Typ.)	700 cd/m ²	700 cd/m ²	600 cd/m ²	600 cd/m ²
Contrast Ratio(Typ.)	4000:1	2000:1	2000:1	2000:1
Response time	8ms (typical G to G)			
Viewing Angle(H/V)	178° / 178°			
Physical Specifications				
Bezel width	0.45in(11.5mm)	0.51in(13.0mm)	1.34in(34.0mm)	1.34in(34.0mm)
Dimensions(WxHxD)	41.2 x 23.6 x 4 in	46.9 x 28 x 4.3 in	64.1 x 37.4 x 4.5 in	73.9 x 42.6 x 4.5 in
Packing Dimensions	48 x 32 x 13 in	54 x 34 x 13 in	78 x 45 x 20 in	78 x 56 x 20 in
Weight (Net/Packing)	58/70lbs	71/84lbs	139/170lbs	196/205lbs
Operation				
Operating Temp.	10°C ~ 40°C			
Humidity	10 ~ 80 %			
MTBF	50,000Hours			
Run Time	Continuous 24/7			
Power Consumption				
Power Consumption	260W(Max)	350W(Max)	900W(Max)	1100W(Max)
Power Requirement	AC 100-240V @ 50/60Hz			
Connective				
Input	Composite	CVBS AV In, 1 port BNC		
	Component	Y-Pb-Pr DTV In, 1 port BNC		
	PC	Analog RGB In, 1 port D-SUB		
	HDMI/DVI	Female, 1 port		
Output	RS-232C	9pin Female, 1 port D-SUB		
	Composite	CVBS AV Out, 1 port BNC		
	Component	Y-Pb-Pr DTV Out, 1 port BNC		
	HDMI/DVI	Female, 1 port		
Signal Spec.	RS-232C	9pin Female, 1 port D-SUB		
	Speaker Out	8 ohms 10W x 2 Channel		
	PC	HF:20~80 kHz / VF:55~75 Hz / 1920x1080, 60Hz Max.		
	HDMI/DVI	HF:20~80 kHz / VF:55~75 Hz / 1920x1080, 60Hz Max.		
Video Wall	CVBS	NTSC / PAL		
	Component	480i/480p, 576i/576p, 720p, 1080i		
	HDMI/DVI	480p, 576p, 720p, 1080p		
	Loop			
	Component	480p, 576p, 720p		
	Loop	480p, 576p, 720p		
External Control	RS-232 out for multiple monitor control			
ACCESSORIES				
Cable	D-Sub, Power Cord, RS-232C			
Others	Manual, Battery, Remote control			
WARRANTY SERVICE				
On site Limited Warranty: 2 years parts and labor, including backlight				

Specifications subject to change without notification
 Images on this document may be simulation or actual installations

INNOVATIVE DISPLAY SOLUTIONS

LCD Video Wall, Commercial LCD

Autostereoscopic 3D, Touch/eWhiteboard LCD

Outdoor LCD, Panoramic LCD, Indoor/Outdoor LED

Assembled in USA

314 Stealth court, Livermore, CA 94551 www.akiradisplay.com
 Tel. 925-455-1000 Fax. 925-455-1001 E-mail. info@akiradisplay.com

