

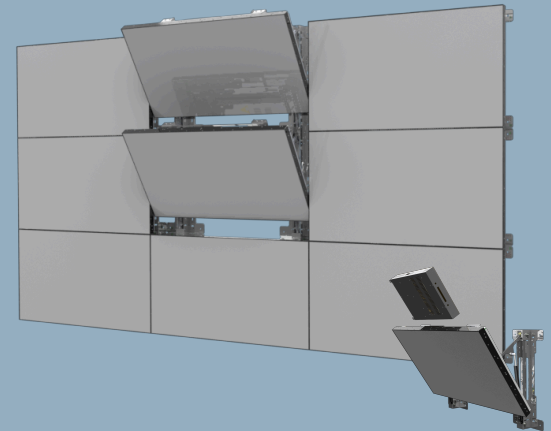
ALM46Z2-DO & ALM55Z3-DO Specification

ALM SERIES 46" & 55" ULTRA SLIM BEZEL COMMERCIAL GRADE OPEN FRAME LCD FRAME LCD



WORLD'S FIRST DIGITAL ONLY DISPLAY

4 DVI LOOP VIDEO WALL SYSTEM



The revolutionary **digital only**
Ultra Slim Bezel LCD

ALM46Z2-DO & ALM55Z3-DO

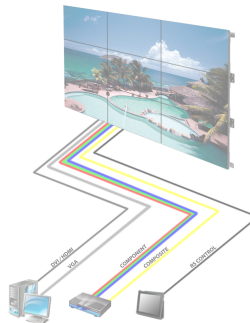
ULTRA SLIM BEZEL

ALM46Z2-DO & ALM55Z3-DO



Conventional displays
complicated cabling

Until now..
Video wall installations
required multiple inputs
and cables to initiate daisy
chaining.



AKIRA Digital Only displays
simple install, reduced cabling,
ideal image quality

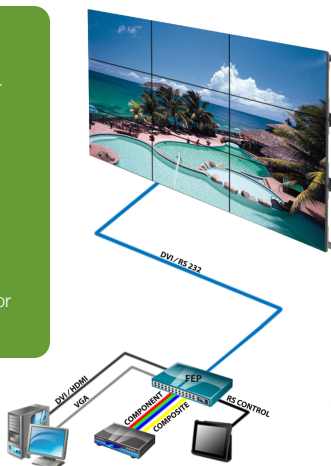
Now..

AKIRA's digital only displays
simplify the cabling required for
video wall installations.

Color matching is no longer an
issue!

Features integrated DVI and
RS232 cable

AKIRA's Front End Processor
(FEP) or DVI converter allows for
tremendously reduced cabling



And..

Video wall applications with
up to 4 inputs do not require
a matrix switcher!



FEATURES

Ultra Slim Bezel Samsung commercial grade DID panels

ALM46Z2-DO (6.7mm) ALM55Z3-DO (5.3mm)

Larger display, smaller bezel!

Patent pending easy maintenance removable Electronic Kit
Module design (easy servicing with unit installed no
dismantle service)

ALM55Z3-DO features LED BLU for enhanced color
reproduction, longer life and less power consumption

Patent pending open frame chassis design to optimize
heat dissipation

Auto Alignment Parking System mounting system

Assembled in the US

Built in video wall processor for matrix, virtually limitless!
Up to 99x99

Easy to use software control RS-232 or remote control

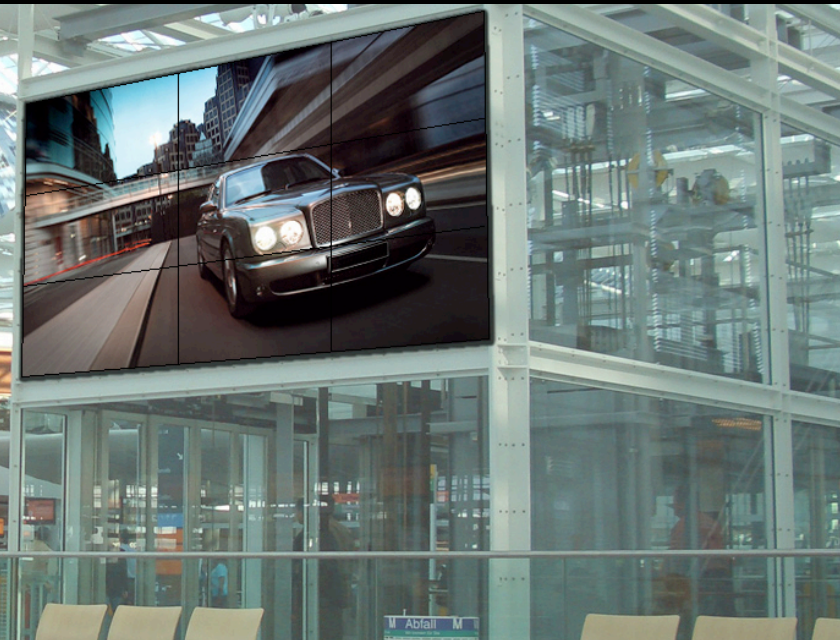
OPTIONAL ACCESSORIES

Front End Processor 4 Analog to 1 DVI Converter for ease of
installation and quality of image

Custom design Bezel, floor stand, mounts, containers, protective glass,
handles and more

ALM46Z2-DO & ALM55Z3-DO Specification

ALM SERIES 46" & 55" ULTRA SLIM BEZEL COMMERCIAL GRADE OPEN FRAME LCD FRAME LCD



SPECIFICATIONS		ALM46Z2-DO	ALM55Z3-DO*
LCD Panel	Screen Size	46"	55"
	Backlight	CCFL	LED
	Brightness(cd/m ²)(typ)		700
	Aspect Ratio		16:9
	Contrast Ratio		3000:1
	Native Resolution	1366x768	1920x1080
	Pixel Pitch	0,74 X 0,74 mm	0.63mm X 0.63mm
	Response Time(ms,GTG)		8
	Refresh Rate		60Hz
	Viewing Angle (Horizontal/Vertical)	178°/178°	169°/169°
Resolution	Input Signal	1920x1200 (WUXGA)	
	Input DTV Signal	1080P	
Dimension	Dimension	40.4" X 22.8" X 4"	47.8" X 27.0" X 5"
	Bezel width	6.7mm (2.4mm right/bottom) and (4.3mm left/top)	5.3mm (1.7mm right/bottom) and (3.6mm left/top)
	Mullion (image to image)	7.2mm (2.7mm right/bottom) and (4.5mm left/top)	5.7mm (1.9mm right/bottom) and (3.8mm left/top)
	Weight	58lbs	70lbs**
	Packaged Dimension	48" X 32" X 13" (70lbs)	TBD
Operation	Operating Temperature	20°C+ /-15°C	
	Humidity	55 +/-20%	
	Lifetime expectancy	50,000	
	Run time	Continual	
	Input	DVI Female	Female 4 ports
Output	RS-232	Female 9 pin, 1 port D-SUB	
	DVI	Female 4 ports	
Signal Specification	RS-232	Male 9 pin, 1 port D-SUB	
	DVI	HF: 20-80 kHz/VF: 55-75 Hz/ 1920 X 1200, 60 Hz Max.	
Video Wall	DVI Loop	480p, 576p, 720p, 1080p	
	External Control	RS-232 out for monitor control	
Power	Power Requirement	AC 100-240V @ 50/60 Hz	
	Consumption/Operating (W)	260W (max)	280W (max)**
Accessories	Cables	DVI, Power, RS-232 Cord	
	Others	Manual, batteries, remote control	
Options	AAPS-GS	Video Wall Mounting System, Auto Alignment Parking System	
	AVP-4D1A	Analog Video Signal to DVI Converter	

AUTO ALIGNMENT PARKING SYSTEM PRECISE AND SIMPLE VIDEO WALL ALIGNMENT

Exclusively made for the ALM46Z2-DO and ALM55Z3-DO for maximum heat dissipation and easy serviceability

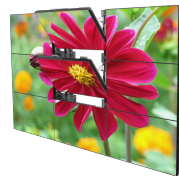
Allows for electronic compartment to be removed and replaced while installed

Quick and easy installation

3x3 Matrix with AAPS

Auto Alignment Parking System

Individual panels can be pulled out for servicing



ALM46Z2-DO Dimensions



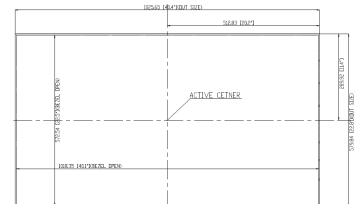
3x3P Matrix with Articulated Mount

Swing Out wall Mount * for portrait installations*

Electronic kits can be easily separated from the LCD panel for replacement or repair



ALM55Z3-DO Dimensions



Specifications subject to change *coming soon ** estimate only. Images are simulations