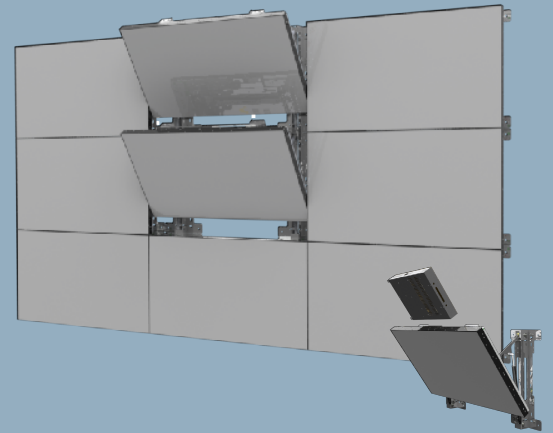


## ALM46Z2-DO & ALM55Z3-DO Specification

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

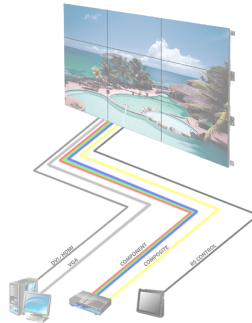
### ULTRA SLIM BEZEL

ALM46Z2-DO & ALM55Z3-DO



**Conventional displays**  
complicated cabling

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



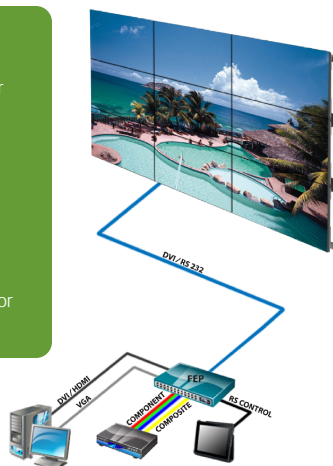
**AKIRA Digital Only displays**  
simple install, reduced cabling, ideal image quality

**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 <sup>2</sup> )(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  |   |
|                      | RS-232                              | Female 9 pin, 1 port D-SUB                                |   |
| Output               | DVI                                 | Female 4 ports  |   |
|                      | RS-232                              | Male 9 pin, 1 port D-SUB                                  |   |
| Signal Specification | 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



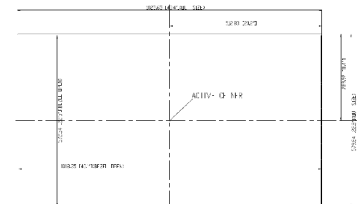
#### 3x3P Matrix with Articulated Mount

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