# ANGUSTOS
# Next Generation Video Wall Display

## AS55BO8T

# Not just a typical display

Angustos LCD video wall displays ensure an impressive content illustration effect for multiple business applications. Smart design with dust-proof material and durable components ensure 24/7 operation.

Ultra-wide viewing angle provides exceptional display effect not just for offices, but also retail business uses of the product.
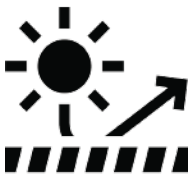


## Signal Interface



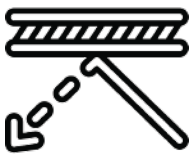## DP - 4K version

## Glare Reflective

Special coating on the screen surface effectively reduces color distortion when using indoor with bright surrounding light.

Color active matrix PURA-CLEAR IPS ™ technology Module using amorphous silicon layer (Super Thin Film Transistors) as active switching devices.
The PURA-CLEAR IPS ™ technology panel used for this module is adapted for a low reflection and higher color illustration.

## Dust-proof with IP5X

IP5X certification provides a completely dust-free screen and can illustrate contents in endless working hours. Suitable for Store and Shopping Mall or public spaces without the need for additional dust-resistant molding.

ADS Technology is applied for high display quality after long exposure in bright and dusty environments.

## Exceptional with 68,000 hours MTPF

Stunning performance with 68,000 hours MTPF allows a visual display 24/7 with extremely high response time (8 ms) in a long period of time.

The mounting option also provides a good support platform and easy to maintain surface for technicians when troubleshooting.

*The life time is determined as the time which luminance of LED is 50% compared to the initial value at the typical LED current on condition of continuous operating in LCM state at 25±2 °C

Optional Features:
1. Temperature Sensors
2. MDC RS-232/RJ45
3. Plug & Play (DDC2B)
4. Video wall (15x15 OSD)
5. Daisy Chain video wall (10x10). DP1.2 loop with UHD resolution, HDCP
6. Pivot display
7. Picture rotation
8. Button lock - Smart Firmware Upgrade
9. Clock battery (170 hours)

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# FEATURES

## 178° WIDE ANGLE VIEW

High contrast screen with WAPA™ (Wide Angle Pixel Application) features, Angustos Video Wall LCD series offer a wide view range for a wider application.



## THIN BEZEL AND THIN PROFILE

Impress viewer with ultra razor thin bezel to bezel, capture attention and illustrated stunning content. The slender design significantly reduces operational and installation space.



## BUILT-IN DAISY CHAIN VIDEOWALLL PROCESSOR

Intelligent Control software control and configure multiple LCD displays through an RS232 or RJ45 connection (Regardless of the monitor's location ) to make the wall easier to set up and the status of all networked displays.

Through the display's built-in splicing function, it can support upto maximum of 15 x 15 (total 225 screens) to display the complete picture perfectly with or without external connection to Video Wall Processor unit.



## 4K UHD Video Wall*

With industry-leading daisy chain technology, ANGUSTOS super narrow bezel displays are designed to display a stunning 4K UHD images and video.

The content is spread across a 2x2 video wall installation, allowing customer to conveniently create and enrich 4K video message *.

* Available on selected model

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# SPECIFICATIONS

| | | |
|---|---|---|
| **Panel** | Display Size | 55 inch |
| | Panel | PURA-CLEAR IPS ™ technology |
| | Resolution | 1920x1080 |
| | Bezel to Bezel | 0.86mm |
| | Active area (HxW mm) | 1209.6x680.4 |
| | Aspect Ratio | 16:9 |
| | Brightness (cd/m²) | 500 cd/m2 ( 700 cd/m2 option) |
| | Colour | 16.7M - 8 bit |
| | Viewing Angle | 178° H / 178° V |
| | Contrast Ratio / Dynamic CR | 4000:1 / 500.000:1 (1.000.000:1 option) |
| | Backlight Life | 68000 hours |
| | Surface Treatment | Haze 28% |
| | Hardness | 3H - Polarizer |
| | Color Gamut | 72% . Gamma Scale 2.2 |
| | Pixel Pitch (µm) | 210 (H) x RGB x 630(V) |
| **Frequency (max)** | DCLK ($f_{CLK}$) | 83 MHz |
| | Horizontal ($f_{H}$) | 72.3 KHz |
| | Total ($f_{V}$) | 63 Hz |
| **AV input / output** | Video | In : HDMI 1.4, HDMI 2.0 x2 (Support HDCP 2.2), DVI-D \| Out: RGB DP1.2 (loop), Peripheral IR (detachable) |
| | Audio | Audio in, Audio out (Stereo Mini port) |
| | USB | USB 2.0 for Firmware |
| | Communication | RS232 input, RS232 output, LAN, IR |
| **Power** | Power Consumption | Typical : 90 - 140W / Max : 160W / DPM-Off/Sleep : 0.5W / BTU : 375-409 BTU/H |
| | Input Voltage | Internal : 100V~240V(50/60Hz) ± 10%. Back up Power auto switching and recovery (OPT) |
| **Mechanical** | Unit size (LxWxH mm) | 1.211.0 x 681.7 x 70 / with box 1.398 x 844 x 257 |
| | Net weight (kg) | ≤ 19 kg |
| | Gross weight (kg) | ≤ 27 kg |
| **Environmental** | Working Temperature (C) | 0-50° |
| | Operating Humidity | 10-90% |
| | Working Pressure | 800-1114 hpa (Altitude:0-2000m) |
| **Accessories** | Included | Remote control, Power Cable, User Manual |

*Information maybe changed without notice

# APPLICATION




SHOPPING - RETAIL





BUSINESS - CONFERENCE - HOSPITALITY



CONTROL CENTER

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