ANGUSTOS

HIGH-END INTERACTIVE DISPLAY

ANGUSTOS Interactive Display

Angustos Interactive displays are designed to work into the growing dynamic possibilities of the modern meeting room and classroom. We seek to help businesses develop and maintain an environment where ideas flow freely.

It allows for extended, seamless teamwork collaboration, stimulating more innovative ideas from students. Pushing up collaboration between people, turning their creativities from abstract to real.

Crystal Gaze™: 4K UHD Interactive display and wide viewing angle, you can comfortably see details displayed at every angle. Eye protection screen design will reduce visual fatigue from pro-longed watch time.

Powerful but easy to use: Built-in speaker, microphone(optional), HD camera (optional), shorten the distance with your audiences in your online classroom and meeting room with impressive Interactive IR-touch technology, smooth touch writing experience, complex object recognition.

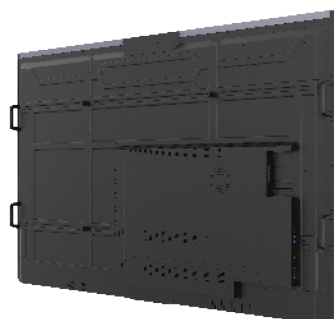## ANGUSTOS INTERACTIVE DISPLAY

- Media - Telecom - Broadcast
- Education - Training
- Manufacturing - Quality Control
- Retail - Advertising
- Meeting Room - Conference
- Healthcare visual system
- Entertainment
- Government - Control Room

86 Inch DLED Interactive Display
Model : AID-86K2

FEATURES

- Android 11.0 smart operating system and unique 4K UI interface.

- 4-core 64-bit high-performance CPU, 4×A53 architecture, max. clock 2.2GHz

- Ultra-narrow frame design, frosted frame material.

- Touch accuracy reaches ±1mm

- Touch height 1.0mm, max 40 touch points, high sensitivity.

- Support OPS interface, expandable dual systems,

- USB 3.0 windows interface, USB 2.0 supports dual sharing.

- Multiple security settings.

- 4K UHD writing whiteboard, handwriting with delicated strokes.

- Support apps with high-performance writing single-point & multi-point writing,

  double-pen writing, unlimited color palettes, inserting pictures, adding pages.

- Zoom in, zoom out, roaming, scanning code to share in LAN. Annotation function is available in all channels.

- Anti-glare and explosion-proof tempered glass, MoHS hardness level 7.

- Built-in WPS, 2.4G/5G dual-band wireless, dual network card with Hot Spot (Optional).

  Support multi-channel wireless share presentation with mirroring anti-control, video & music & document sharing.

- The external input signal source automatically connect.

- Crystal Gaze™ image processing engine: image motion compensation, color enhancement processing

- Point-to-point fine display technology.

- Intelligent gesture, five fingers supported.

- Flexible formats supported : MPEG, MPEG-2, MPEG-4, H.264, RMVB, MOV

- Sidebar buttons and gestures for voter, timer, screen capture, child lock, screen recording, photo taking,

  touch sensing, smart eye protection.

- Built in 8MP Camera

- The built-in 8-element mic array has a maximum Pickup distance of 8m.

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HARDWARE SPECIFICATION

Display Size	86"
Backlight Type	DLED
Panel Type	IPS Ultra HD
Aspect Ratio	16:09
Resolution	3840(RGB)×2160, 4K UHD
Brightness cd/m² (Typ.)	400
Frame rate	60 Hz
Contrast (Typ.) / (Dynamic)	1200:1 / 4000:1
Viewing Angle	178° H / 178° V
Display area (H×V)(mm)	1895×1065
Touch	IR. Max 40 points. Android 20 points
Color Depth	1.07B (8bit+FRC)
Color Gamut	70%NTSC(typ)
Speaker	2×8Ω16W
Standby Power consumption(W)	<0.5W
Power consumption(W)	≤460W(Without OPS)
Response Time(ms)	8ms (typ)
Pixel Pitch	0.4935mm*0.4935mm
MTBF	30,000 hrs (min.) - 50,000 hrs (Typ)

SYSTEM SPECIFICATION

System Chip	ARM CortexA53*4	Voltage	4.75 ~ 5.25V
System version	Android 11.0	Power Consumption	≤2 W
CPU Structure	A53 x 4	Network	x2 (RJ45)
CPU clock	2.2 GHz	VGA IN	x1(DB 15)
CPU Core	4 Cores	HDMI In / Out	In x 2 / Out x 1
GPU	Mali G52 MP8	DP IN	x1 (DP 1.2a)
RAM	4GB DDR4 / 8GB (option)	Audio In / Out	In x 1 / Out x 1
ROM	32GB / 64GB (option)	SPDIF Out	x 2
Touch	Infrared frame. 40 point	USB	3.0 x 2 / 2.0 x 1 / x1 type C
Glass	4mm toughened glass	Touch USB	x 3(USB3.0, Type-B)
	Anti-glare , 7H hardness	RS-232	DB9 female x 1
Response speed	≤10ms	OPS(Option)	x 1 (JAE)
Accuracy	90% Center ±1mm	WIFI antenna	2.4 / 5G x 2	2.4G x 1	
	10% Edge ±3mm		Bluetooth 2.1+EDR/4.2/5.1
Touch diameter	≥3mm	Temp (Work / Store)	0~55ºC / -10ºC ~ 65ºC
Input support	Finger - Pen - Stylus	Humid (Work / Store)	0-90% RH / 0-90% RH
Theoretical clicks	Unlimited	Power Rate	100 - 240 VAC. 50-60Hz
Interface	USB 2.0 Full Speed		

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APPLICATION

Chrome	Support	Energy saving	Support
Google Store	Support	Screen shot	Support
Setting	Support	Screen recording	Support
WPS	Support	Timer	Support
Calculator	Support	Photograph	Support
Whiteboard	Support . 4K	Backlight	Support
Open File	Support	Sound	Support
Save File	Support	Smart Eye Protection	Support
Scan Code	Support	USB Lock	Support
Left - Right Menu	Support	Languague	20 languages
Source	Support	Timer switch	Support
Power off	Support	Wake by LAN	Support
Home	Support	Hardware self-test	Support
Return	Support	WIFI Atenna	4
Volume	Support	Magnetic pen	1
Annotation	Support	Remote Controller	1
Calendar	Support	Wallmount	1
Childlock	Support	OS Support	Windows / Android/ MAC Chrome OS
Optional accessories			
Wireless presentation sharing kit			
Smart Pen			
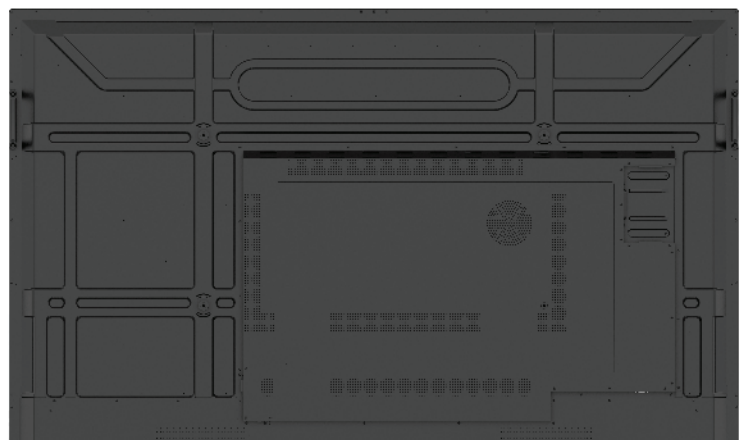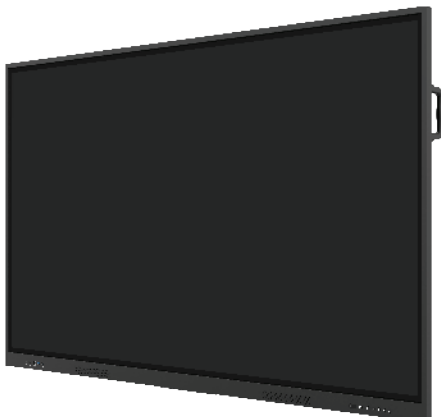
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SPECIFICATION OPS (Option)

CPU	Intel® Alder Lake-P Processor Max. TDP 28W
Chipset	Intel SOC design
BIOS	AMI UEFI BIOS
Graphics card	Intel® Iris® Xe Graphics
Multi displays	3 simultaneous 3 displays
Interface	1 x DP1.4/ 1xHDMI1.4 1 x 80PIN
Memory	8GB/16GB (option)
Ethernet	1 x RJ45
WIFI antenna	2.4 / 5G x 2 | 2.4G x 1 | Bluetooth 2.1+EDR/4.2/5.1
Storage	1 x M.2 2280 for NVMe/SATA SSD
IO Interface	1 x DP1.4, 1 x HDMI1.4
	2 x USB 2.0, 2 x USB 3.1
	1 x Type-C(USB3.1)
	1 x RJ45
	1 x Line out & MIC-In
	2 x Wi-Fi/BT ANT

OPS Interface	1 x 2.5/5.5 DC IN JACK
	1 x HDMI2.0 4K60Hz output
	1 x DP1.4 output
	2 x USB2.0, 1 x USB3.0
	1 x TTL
OS Supports	Windows10/Windows11/Linux
Watchdog	Support
vPro/AMT	Support
TPM	Support
Power input	12~19V DC IN, 2.5/5.5 DC Jack & JAE 80Pin DC IN
Dimension	119(L) x 180(W) x 30(H) mm
Operating Temp.	-5ºC -45ºC
Operating Humidity	10ºC - 90ºC non-condensing
Storage Temp.	20 - 70ºC
Operating Humidity	5%~95% non-condensing