

ADTESU Smart Panel Interactive Display ADS PRO



ADS86PRO

≡ Features:

- Zero bonding technology, the distance between the tempered glass and the screen is close to 0, which preventing the reflection of light effectively, showing excellent effect and excellent writing experience.
- High accuracy touch screen, supporting 1 point 1.6mm precision writing and 6 points 2.8mm simultaneous writing.
- Writing height below 2mm to bring smoother writing experience.
- Front Type-C port.
- 4K UI display.
- All-channel annotating, built-in Android writing software.
- Smart sidebar menu.
- Built-in Android system and optional with OPS computer module.
- Double LAN bridging, supporting Android, OPS (Windows system) and external PC realize network bridging.
- Public USB port auto switch.
- All channel can be loop-outed by HDMI.
- Screen lock.
- Build-in WI-FI, hidden inside.
- Built-in 48MP camera.
- Built-in 8-mic array
- Built-in NFC module.

Specifications

Panel specifications

Size	85.6 inch
OC brand	LG
Display scale	16:9
Backlight type	D-LED edge type
Maximum resolution	3840 x 2160 (pixels)
Refreshing frequency	60Hz
Brightness	400 cd/m ²
Contrast ratio	Typ: 1200:1
Pixel Pitch	0.4935 (Hor.) x 0.4935 (Ver.)
Viewing area	1895.04 (Hor.) x 1065.96 (Ver.)
Viewing angle	Hor:178°; Ver:178°
Response time	Typ.:8ms
Display colors	1.07B (10bit)
Life time	30,000hrs (min.)
Color gamut (NTSC)	72%
Motherboard model	A311D2

Android

CPU	Cortex A73+A53, Max 2.2GHz for big and 2.0GHz for little, Quad core A73+Quad core A53
GPU	MaliG52 MP8
RAM	8GB
ROM	64GB
OS	Android 13

Language

OSD	Chinese/English/Egypt/Denmark/Netherlands/finnish/French/German/Greek/Italian/Japanese/ Korea/Norwegian/Polish/Portugue/Romania/Russian/Spanish/Swedish/Turkish/Czech
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Electrical

Power requirements	AC 100 V ~ 240 V, 50/60 Hz
Maximum power consumption without OPS	460W (TBD)
OPS power	DC 18V/5A
Power consumption in standby mode	<0.5W
Audio output power	2x15W/80 (15W/40 optional)
Power (AC) input	x1
Power switch	x1

Interface

HDMI IN	x2
DP IN	x1
VGA IN	x1
Audio IN	x1
OPS (Optional)	x1
LAN	x2
USB 2.0	x1
USB 3.0	x2
Touch-USB	x3
Type-C USB	x1
MIC in	x1
RS232 in	x1
HDMI out	x1
SPDIF	x1
Audio out	x1

NFC

Standard	ISO/IEC 14443 A/ISO/IEC 14443 B
Support card type	MIFARE Felica
Read-write distance	<30mm
Read/write speed	106 To 424kbps
Read and write latency	<100ms

Single WIFI (standard)

Main chipset	Mediatek MT7663BU
Operating frequency	2.4GHz/5GHz
WI-FI standard	802.11a/b/g/n/ac
Bluetooth	2.1+EDR/4.2/5.0

Specifications

Camera	
Size	48MP
FOV	DIAGONAL 114.9°
Array size	MJPEG: 3840*2160 (30fps), 1920*1080 (30fps), 1280*720 (30fps)
Array Mic	
Array quantity	8-mic
Pick-up area	8m (angle: 180°)
AEC	support
AGC	support
Speech enhancement	support
Steady-state noise suppression capability	20dB
Sensitivity	-35 DBFS @1kHz @94dB
Output signal	USB output
Touch	
Sensing type	Infrared touch frame
Surface protection	3.2mm toughened glass
Infrared touch	40 Points
Interpolation resolution	32768 x 32768
Touch accuracy	the middle 90% area±1mm
Response time	≤8ms
Output mode	HID standard
Theory clicks	Unlimited
Minimum touch object	Single touch ≥1.6mm, multiple touch ≥2mm
Connect type	USB2.0 full Speed
Voltage	DC+5V±5%
Power consumption	≤2W
Windows 10/8/7, Android	Multiple Touch(Actual touch points depend on the system and software)
Windows XP, Linux, Mac OS X	Single Touch (Apple computers can support multiple points after downloading the UPDD driver)
Structure	
Net weight	66±1.5 Kg
Gross weight	77±1.5 Kg
Bezel U/D/L/R	U:35.2mm, L/R:14.9mm, D:47.2mm
Product size (WxDxH)	1950.4mm x86.9mm x 1174mm
Package size (WxDxH)	2095mm x 185mm x 1265mm
Housing material	Aluminum / Metal
Housing color	Black & Blue grey / Black
VESA	4-M8 screw hole 800mm x 600mm
Environment	
Working temperature	0°C - 40°C
Storage temperature	-10°C - 60 °C
Operating humidity	20% - 80% RH Non-Condensing
Storage humidity	10% - 80% RH Non-Condensing
Operating altitude	≤5000m
The longest service time (Hour x Day)	18 Hours x 7 days
Packaging / Accessories	
Remote control	x1
Power cord	x1
Touch pen	x2
USB cable	x1
HDMI cable	x1
Wall mount	x1
User manual	x1