

# ADTESU Smart Panel Interactive Display ADS PRO



## ADS75PRO

### ≡ 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

<b>Panel specifications</b>	
Size	74.52 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 <sup>2</sup>
Contrast ratio	Typ: 1200:1
Pixel Pitch	0.4296 (Hor.) x 0.4296 (Ver)
Viewing area	1649.664 (Hor.) x x927.936 (Ver.)
Viewing angle	Hor:178°; Ver:178°
Response time	Typ.:7ms
Display colors	1.07B (8bit+FRC)
Life time	30,000hrs (min.)
Color gamut (NTSC)	72%
Motherboard model	A311D2
<b>Android</b>	
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
<b>Language</b>	
OSD	Chinese/English/Egypt/Denmark/Netherlands/finnish/French/German/Greek/Italian/Japanese/ Korea/Norwegian/Polish/Portugue/Romania/Russian/Spanish/Swedish/Turkish/Czech
<b>Electrical</b>	
Power requirements	AC 100 V ~ 240 V, 50/60 Hz
Maximum power consumption without OPS	380W (TBD)
OPS power	DC 18V/5A
Power consumption in standby mode	<0.5W
Audio output power	2x20W/6Ω
Power (AC) input	x1
Power switch	x1
<b>Interface</b>	
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
<b>NFC</b>	
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
<b>Single WIFI (standard)</b>	
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

<b>Camera</b>	
Size	48MP
FOV	DIAGONAL 114.9°
Array size	MJPEG: 3840*2160 (30fps), 1920*1080 (30fps), 1280*720 (30fps)
<b>Array Mic</b>	
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
<b>Touch</b>	
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	≤7ms
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)
<b>Structure</b>	
Net weight	53±1.5 Kg
Gross weight	62±1.5 Kg
Bezel U/D/L/R	U:35.2mm, L/R:14.9mm, D:47.2mm
Product size (WxDxH)	1705mm x 86.9mm x 1036mm
Package size (WxDxH)	1860mm x 185mm x 1125mm
Housing material	Aluminum / Metal
Housing color	Black & Blue grey / Black
VESA	4-M8 screw hole 800mm x 400mm
<b>Environment</b>	
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
<b>Packaging / Accessories</b>	
Remote control	x1
Power cord	x1
Touch pen	x2
USB cable	x1
HDMI cable	x1
Wall mount	x1
User manual	x1