



INTERACTIVE FLAT PANEL
Avtek TS 8 Connect



Inspire | Engage | Lead

DIAGONAL	75"	86"
DISPLAY		
panel type	VA	
screen resolution	4K/UHD (3840x2160) @60 Hz	
display area	1650 × 928 mm	1895 × 1066 mm
pixel size	0.430 × 0.430 mm	0.496 × 0.496 mm
backlight	Direct LED	
response time	8 ms	6,5 ms
ratio	16:9	
refresh	60 Hz for 4K / UHD (3840x2160)	
colors displayed	1.07 billion (10 bits)	
brightness	450 cd/m ²	500 cd/m ²
viewing angles	178°	
typical contrast	5000:1	4000:1
panel life time	≥ 50000 hours	
protection glass	reinforced glass with a hardness of 9 on the Mohs scale	
TOUCH SPECIFICATION		
technology	Infrared (IR)	
registration	Finger, pen or any other object	
min. object size	2 mm	
supported points	50	
touch resolution	32768 × 32768 pts.	
response time	< 2.5 ms	
precision	± 1 mm	
distance between glass and panel	Zero bonding < 1 mm	
supported operating systems	Windows 10 / Windows 8 / Windows 7 / Android / Linux / Mac OS X / Chrome	
INPUTS/OUTPUTS		
HDMI input	4 × HDMI (4K @ 60 Hz), HDCP 2.3	
HDMI output	1 × HDMI (4K @ 60 Hz)	
DisplayPort	1 × 4k30 Hz, HDCP 1.3 & 2.3	
Audio	1 × input / 1 × output	
USB 2.0	1 × USB 2.0 (for system updates)	
USB 3.0	4 × USB 3.0 (2 × front, 2 × rear)	
USB-C input	2	
USB-C output	1	
USB ports touchscreen interface	2	
SPDIF	1	
RS232	1	
LAN (RJ45)	2 (1 × input / 1 × output)	
OPS computer slot	Yes	
microphone	Quantity: 8, Reception distance up to 10m	
built-in speakers	2 × 8W + 2 × 18W	

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ANDROID MODULE SPECIFICATION		
OS version	13.0	
OS resolution	3840 × 2160	
CPU	A76 x4 + A55 x4	
GPU	Mali-G610 MP4	
RAM	8 GB	
ROM	64 GB	
USER DATA		
buttons on the front	1 physical button on the front / main power switch	
dimensions	1709 × 1031 × 86 mm	1957 × 1171 × 86 mm
packing dimensions	1863 × 1148 × 225 mm	2110 × 1291 × 225 mm
weight	51.46 kg	63.55 kg
gross weight	60.75 kg	80.15 kg
VESA standard	800 × 400	800 × 600
wall-mount included	Yes	
power requirements	100 – 240 V AC / 50 or 60 Hz, 4.0 A	
power consumption	≤ 0.5 W (standby mode) 320 W (nominal consumption) 530 W (max consumption)	≤ 0.5 W (standby mode). 375 W (nominal consumption) 570 W (max consumption)
RECOMMENDED ENVIRONMENTAL CONDITIONS FOR THE DEVICE		
operation temperature	0°C to 40°C	
operating humidity	10% to 90%	
storage temperature	-20°C to 60°C	
storage humidity	10% to 90%	
altitude	max. 5000 above sea level	
OTHER INFORMATION		
warranty	5 year warranty (including 2 years one to one)	
accessories included	Quick start guide, power cable, USB touch cable (type A-B), HDMI cable, remote control, markers (2 pcs.), wall bracket	

For more information on Avtek interactive monitors and software, visit the Avtek Information Center at <https://avtek.eu/download>.



