



INTERACTIVE FLAT PANEL
Avtek TS 7.1 Lite



Inspire | Engage | Lead

SIZE (DIAGONAL)
55"
SCREEN DETAILS

resolution	4K/UHD (3840x2160) @60 Hz
display area	1210 × 680 mm
pixel size (pitch)	0,315 × 0,315 mm
backlight	Direct LED
response time	8 ms
refresh requency	60 Hz
display colors	1,07 billion (10bit)
brightness (typical)	420 cd/m ²
viewing angle	178°
contrast	5000:1
panel life time	≥ 50 000 hours
protection glass	Toughened Matt Glass with level 7 of Mohs standard with antibacterial coating

TOUCH SPECS

technology	Infrared (IR)
Touch tool	Finger, finger cover by glove, opaque objects
min. object size	3 mm
supported points	40
touch resolution	32767 x 32767 points
response time	<10 ms
precision	1.5 mm
supported platforms	Windows: 11, 10, 8.1, 8, 7 Linux / Mac / Android / Chrome
simultaneous two color writing	Yes

INPUTS/OUTPUTS

HDMI in	3x HDMI 2.0 (4K @ 60Hz)
HDMI out	1 (4K @ 60Hz)
VGA in	1
Audio ports	1 × input / 1 × output
USB ports	1 × USB 2.0 / 4 × USB 3.0 / 1 × USB-C
including USB ports on the front of the monitor	2 shared ports (for OPS and Android)
USB Touch	2
SPDIF	1
RS232	1
LAN (RJ45)	2 (1 × input / 1 × output)
OPS computer slot	Yes
Built-in speakers	2 × 16 W

SIZE (DIAGONAL)	55"
ANDROID MODULE SPECS	
OS version	Android 13.0
OS resolution	3840 × 2160
CPU	A55 ×4
GPU	Mali G52MP2
RAM	4 GB
ROM	32 GB
SOFTWARE DETAILS	
OSD menu language / Android	Polish, Czech, German, English, Spanish, French, Croatian, Hungarian, Italian, Lithuanian, Latvian, Ukrainian
annotation tool	Yes, version 2.0
annotations on all sources	Yes, two modes
possibility to upload your own logo	Yes
possibility to change the name of signal source	Yes
built-in voting tool	Yes
possibility to display text comments on screen	Yes
possibility to display applications in windowed mode	Yes
windows software compatible with built-in annotation tool	Yes, note
PHYSICAL SPECS	
buttons on the front	1 front button / main power switch
dimensions	1271 × 774 × 87mm
packing dimensions	1401 × 859 × 220 mm
weight	26,10 kg
gross weight	34,35 kg
VESA standard	400 × 200
wall-mount included	Yes
operating time	24/7
power requirements	100 - 240 V AC / 50 or 60 Hz / 3,5 A
power consumption	≤ 0,5 W (stand-by) / 66 W (standard consumption) / 320 W (maximum consumption)
ENVIRONMENTAL CONDITIONS	
operation temperature	0°C to 40°C
operation humidity	10% to 90%
storage temperature	-20°C to 60°C
Storage humidity	10% to 90%
altitude	max. 5000 m.a.s.l.
OTHER	
Diagnostic tools for quick support	Yes
warranty	5 years (2 years one to one)
accessories included	power cable (3 m), USB cable (3m), HDMI cable (3 m), stylus (2 pcs), remote, quick manual, WiFi/Bluetooth module,

