



INTERACTIVE FLAT PANEL
Avtek TS 8.1 Mate G



Inspire | Engage | Lead

SIZE (DIAGONAL)	65"	75"	86"
SCREEN DETAILS			
resolution	4K/UHD (3840×2160) @60 Hz		
display area	1428 × 804 mm	1650 × 928 mm	1895 × 1066 mm
pixel size (pitch)	0,372 × 0,372 mm	0,430 × 0,430 mm	0,494 × 0,494 mm
matrix type	VA	VA	IPS
backlight	Direct LED		
response time	6,5 ms	6,5 ms	8 ms
refresh requency	60 Hz		
display colors	1,07 billion (10bit)		
brightness (typical)	350 cd/m2		
viewing angle	178°		
contrast	5000:1		
panel life time	≥ 50 000 hours		
protection glass	Toughened Matt Glass with level 7 of Mohs standard and a thickness of 3.2 mm		
TOUCH SPECS			
technology	Infrared (IR)		
Touch tool	Finger, finger cover by glove, opaque objects		
min. object size	3 mm		
supported points	20 for Android, 40 for Windows		
touch resolution	32768 × 32768		
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)		
DisplayPort in	1		
VGA in	1		
Audio ports	1 x input / 1 x output		
USB ports	2 x USB-A 2.0 / 3 x USB-A 3.0 / 2 x USB-C IN		
including USB ports on the front of the monitor	2 shared ports (for OPS and Android)		
USB-B Touch	3		
SPDIF	1		
RS232	1		
LAN (RJ45)	2 (1 x input / 1 x output)		
TF Card	1		
OPS computer slot	Yes		
Built-in speakers	2 x 16 W		
ANDROID MODULE SPECIFICATION			
OS version	14.0		
OS resolution	3840 × 2160		
CPU	A73 x4		
GPU	Mali G52 MC1		
RAM	8 GB		
ROM	64 GB		

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SOFTWARE DETAILS			
Google EDLA	Yes		
Google Play	Yes		
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	1488 × 897 × 87 mm	1712 × 1020 × 87 mm	1957 × 1160 × 97 mm
packing dimensions	1628 × 1005 × 185 mm	1863 × 1148 × 225 mm	2110 × 1291 × 225 mm
weight	36,15 kg	49,15 kg	53,55 kg
gross weight	41,70 kg	56,60 kg	63,75 kg
VESA standard	600 × 400	800 × 400	800 × 600
wall-mount included	Yes		
operating time	24/7		
power requirements	100 - 240 V AC / 50 or 60 Hz / 4,0 A		100 - 240 V AC / 50 or 60 Hz / 4,5 A
power consumption	≤ 0,5 W (stand-by) / 180 W (standard consumption) / 335 W (maximum consumption)	≤ 0,5 W (stand-by) / 230 W (standard consumption) / 385 W (maximum consumption)	≤ 0,5 W (stand-by) / 245 W (standard consumption) / 400 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 INFORMATION			
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, USB Drive with software and drivers, WiFi/Bluetooth module		

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





