



INTERACTIVE SCREEN
Avtek Touchscreen 5 Lite 86"



Avtek

Present | Teach | Inspire

TouchScreen 5 Lite is a series of universal Avtek interactive screens, equipped with everything that's needed: high quality panel with UHD resolution, Android system with useful apps, slot for a built-in computer and a set of ports that allow user to connect external devices like computers or cameras. Lite series will be a perfect fit for education where it will become a multimedia learning center in every classroom, allowing more interaction with educational content. It will also be a useful replacement for a regular TV or projector in a conference room, allowing more effective meetings and sharing of ideas.



SCREEN DETAILS

| | |
|--------------------|---|
| model(diagonal) | 86" |
| resolution | 4K/UHD (3840x2160) |
| display area | 1895,04 mm x 1065,96 mm |
| pixel size (pitch) | 0,4935 mm x 0,4935 mm |
| backlight | Direct LED |
| response time | 8 ms |
| refresh frequency | 60 HZ |
| display colors | 1,07 bn (10bit) |
| brightness | 330 cd/m ² |
| viewing angle | 178° |
| contrast (typical) | 4000:1 |
| panel life time | 30 000 hours |
| protection glass | Toughened Glass with Level 7 of Mohs Standard |

TOUCH SPECS

| | |
|---------------------|---|
| technology | Infrared (IR) |
| touch tool | Finger, Finger cover by glove, Opaque objects |
| min. object size | 3 mm |
| supported points | 20 |
| touch resolution | 32767 x 32767 points |
| response time | <7 ms |
| precision | 2 mm |
| supported platforms | Windows: 10, 8.1, 8, 7, Vista, XP Linux / Mac / Android / Chrome |

INPUTS/OUTPUTS

| | |
|----------------------------------|--|
| HDMI in | 2x HDMI 2.0 (4K @ 60Hz) |
| VGA in | 1 |
| Audio ports | 1 x input / 1 x output |
| USB ports | 4 x USB 2.0 / 1 x USB 3.0 |
| Including USB ports on the front | 2 (shared between OPS, Android and external computer connected by USB Touch) |
| USB touch | 2 |
| RS232 | 1 |
| LAN (RJ45) | 1 shared port (for OPS and Android) |
| Memory card | 1 |
| Avtek OPS slot | Yes (Supports 4K@60Hz) |
| built-in speakers | 2 x 10 W |

| ANDROID MODULE SPECS | |
|---|--|
| OS version | 7.0 |
| OS resolution | Full HD |
| CPU | ARM Cortex A73 Dual Core CPU |
| GPU | Mali-450 |
| RAM | 2 GB |
| ROM | 16 GB |
| SOFTWARE DETAILS | |
| language | english/german/polish |
| annotation software | Yes, Note 2.0 |
| annotations on all sources | Yes, two modes |
| boot logo upload | Yes |
| source name change | Yes |
| built-in response system | Yes |
| possibility to show send and show comments on the screen | Yes |
| windows software compatible with built-in annotation tool | Yes, Note |
| PHYSICAL SPEC | |
| buttons on front | 1 front button / main power switch |
| dimensions | 1957 x 1162 x 89 mm |
| packaging dimensions | 2211 x 1370 x 280 mm |
| weight | 66,6 kg |
| gross weight | 82,5 kg |
| VESA standard | 800 x 400 |
| wall-mount included | Yes |
| power requirements | 100 - 240 V AC / 50 or 60 Hz |
| power consumption | 0,5 W (stand-by) / 337 W (standard consumption) / 500 W (maximum theoretical consumption) |
| noise level | 30 dB |
| ENVIROMENTAL 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 | 3 years (2 years LCD panel) |
| acesories included | Power cord (3 m), VGA cable (3 m), USB cable (5 m), audio cable mj 3,5mm (5 m), plastic pen (3 pcs.), remote controller, quick guide, CD or flashdrive with drivers and software |



