



Avtek

FAHR & PARTNER

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**PRODUCT
CATALOG
2019**



Avtek

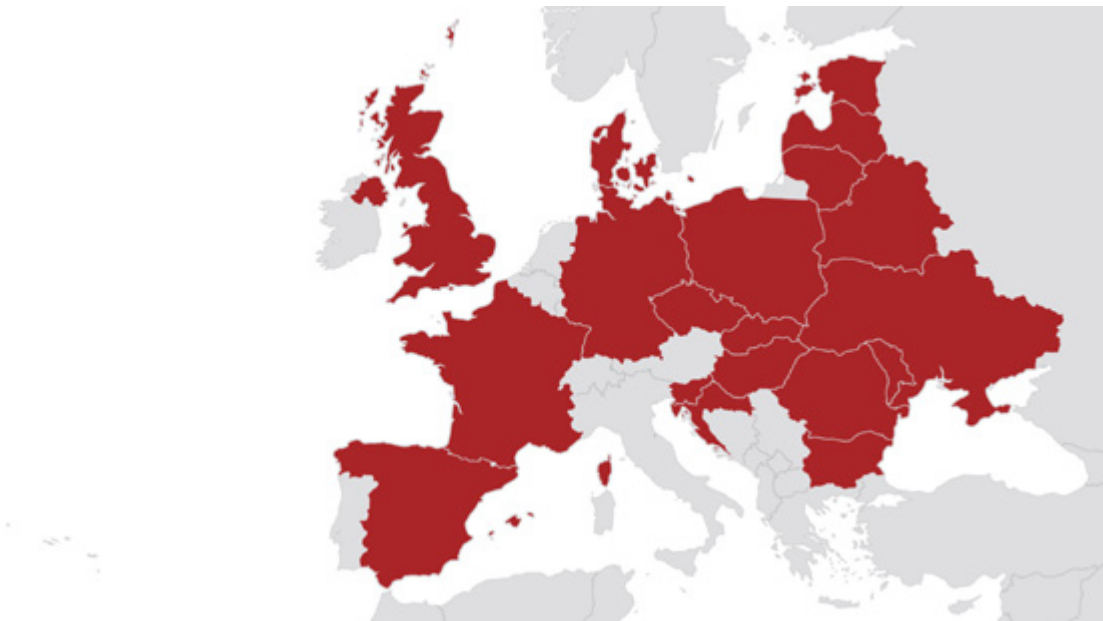
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Avtek brand belongs to ViDiS S.A., a specialized audio-video distributor and leader on the Polish market. Company **started in 2004** now owns an extensive warehouse space allowing for **high stock levels** and constant product availability. Qualified staff works hard every day to keep the offer innovative and to make sure that all Avtek products meet highest requirements of **user friendliness** and stability while maintaining **high-tech specifications**.

The whole portfolio goes through rigorous testing before being introduced to guarantee flawless operation for the customer. Avtek interactive display line is the most spectacular example of those values put into reality, with customers high trust that allowed Avtek TouchScreen line to maintain **leading position in sales on Polish market**, as well as expand abroad.



Today Avtek products are available all over Europe

Based on those values ViDiS S.A. is a leader on Polish projection screen market with **over 10.000 screens sold** each year and interactive whiteboard / interactive display markets, with Avtek products being **the biggest brand in those categories** for many years in a row.

Avtek products are not only limited to Polish market. Trust in our brand and competitiveness of our offer made it possible for our products to also be available in among others: Baltic states, Belarus, Czech Republic, Slovakia, Ukraine, Hungary, Romania, Bulgaria, Slovenia, Croatia, Serbia, Moldova, Germany, Great Britain, France, Spain, Denmark, and even Singapore.

Our mission is to continue raising the bar for our products quality, user friendliness and stability, to break technological barriers and share our work with customers wherever we can.

INTERACTIVE DISPLAYS AVTEK TOUCHSCREEN

Avtek TouchScreen 5 series is a combination of high quality LED display with interactive whiteboard. The Avtek monitors use the latest technologies providing reliability and the widest functionality on the market.

The touchscreen is an ideal alternative for traditional interactive whiteboards at schools and a great tool for use in modern business.

Choosing of the latest but already verified technologies makes the Avtek monitors both futureproof and reliable solutions for every market.



Applications of Avtek TouchScreen 5 series



Using of interactive touchscreens makes the company meetings more effective and the communication much more simple. The problems are solved easier using the team working approach with brainstorming utilizing the new technologies.



Tourist information, secretary's office or reception desk equipped with interactive touchscreen gives the employees more time for their essential work. Thanks to Avtek TouchScreen it's possible to make self-service information points where the information is much more attractive and profitable.



Interactive touchscreens in hospitals, police stations and other public services upgrade the workflow in those institutions. In case of emergency situations the work organization and communication is smooth and easy thanks to those devices.



Interactive touchscreens in shopping malls help the clients find the specific shops and the shortest way to them. Moreover it's easy to check the best offers and hot deals offered by the shops, restaurants, cinemas or fitness clubs.



Using interactive monitors during lessons in kindergartens and primary schools makes big fun of learning and it helps to keep the focus of the kids. It also helps to understand described topics and makes the kids enjoy the learning process.



Youths at junior high schools and secondary schools need much attention and it requires more effort to attract them to school. The newest technology in education such as Avtek TouchScreen Pro series is one of the ways to do it efficiently.



Lectures, exercises or laboratories at universities can be much more attractive with interactive touchscreens. It's a perfect alternative to traditional way of teaching as the technology induces bigger interaction between students.



Application of interactive monitors during conferences, presentations and trainings is now becoming popular. This visual method of communication with additional interaction looks much more professional and improves the perception of the message.

FEATURES



New generation of Android 7.0 module offers faster components and higher version of the operating system, which makes working on TouchScreen 5 even smoother than before and allows installation of more demanding Android apps



HDMI Out port in TouchScreen 5 is not only faster and newer than analog VGA, but because of the technology used it can also convert analog signal to digital one. Thanks to that it's possible to connect an external computer by VGA and send the video out by HDMI to a screen recorder or a projector.



Avtek TouchScreen 5 screens are equipped with Note, software for Windows OS that's focused on helping teachers, but will also make any business presentation easier.

Note supports the same file format as Android based EasiNote, so a meeting can be started on Android EasiNote and finished on Note for Windows.



Voting tool, a new function of built-in Android, makes quick tests simple and fast. It's available on any input source and allows for asking any question, gathering answers and discussion – no matter if it's about a PowerPoint presentation, a displayed webpage or any other content displayed from an external computer.



To make meetings even clearer, TouchScreen 5 Connect screens support two-color writing at the same time. Extremely accurate touch recognition technology can recognize thickness of stylus that is touching the protective glass and assign chosen color to the pen. Every meeting where two different persons make notes will be more focused using that solution, and even single user will appreciate ability to write different notes with different colors easily.



Built-in screensharing app makes connecting 8 devices wirelessly effortless. Screen sharing application makes it easy to connect multiple devices without entangling the room in cables, while the user of the IFPD can play the role of administrator, choosing which devices should be connected and displayed on the screen. It's also possible to upgrade the screen with Avtek Share – a USB dongle that allows connecting laptops without installing any additional software, which makes it perfect for business conferences.



New annotation tool has many new features. Not only is it responsible for making notes on any image from any input source or using the screen as a whiteboard when needed – it's also equipped in timer, stop-watch, spotlight and even a voting tool!



Over-the-Air firmware upgrades ensures that the screen will always be up to date. Every user will be able to upgrade firmware version, so no new features will be missed.



Connecting interactive displays to the internet is the biggest basic thing that every user should do to increase it's potential. Both TouchScreen 5 Lite and TouchScreen 5 Connect feature WiFi connectivity – first one with included USB dongle, second one with proprietary module. Being true to the name, TS5 Connect has not only WiFi, but also Bluetooth connectivity that makes it perfect for connecting with various Bluetooth microphones or other videoconferencing solutions.



Avtek interactive screens can be used in variety of different places, that's why Avtek computers are offered in few variants that should suit all needs. In education and basic uses economical Celeron CPU will be perfect. For more advanced uses i5 CPU version will be best suited, while i7 version will be enough even for the most demanding jobs.



All Avtek OPS 4K computers are equipped with 6th generation Intel Skylake CPUs that support 4K@60Hz and SSD drives that are not only several dozen times faster than traditional HDD drives, but also more durable and quiet.



Thanks to a unique solution, USB ports located on the front of the screen are shared between Android OPS, built-in PC or other external PC when connected with Touch USB. Just change the input source and the screen will automatically detect which one is active and channel the USB ports accordingly. No more looking for correct USB ports, they're all correct!



INTERACTIVE DISPLAYS AVTEK TOUCHSCREEN

SOFTWARE

NOTE



Note is a fundamental software that enables anyone to use interactive functions offered by interactive screens. Made specifically for education environment, it gives access to wide spectrum of features: writing, editing, commenting, drawing and using all teaching tools included.

Note turns interactive screens into perfect teaching environment that builds up on TouchScreens intuitiveness and multimedia features and put at users disposal a rich set of specialized tools made for teaching school subjects.



CONNECT



Connect is a software that allows for a two-way communication between a mobile device and a Windows PC – user can mirror desktops both ways, control PowerPoints presentations, use mobile device as a visualizer or touchpad.

- Controlling presentations: using Connect one can switch between PowerPoints slides, control what slide and next and annotate on them freely.
- Shared desktop: Windows desktop can be displayed and controlled from a mobile device or vice versa: mobile desktop can be displayed on the PC – user can control both with touch on TouchScreen and mobile simultaneously.
- Touchpad function: mobile device touch interface can be used as a TouchPad to conveniently control the PC wirelessly.
- File sharing: one can send any file (be it a photo, video or a document) straight to the PC and play it and note on it instantly.

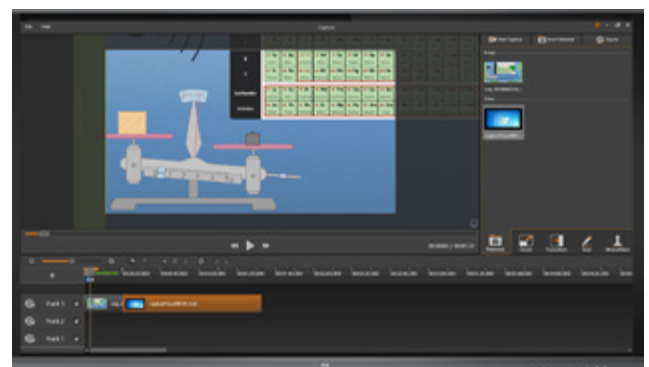


CAPTURE



Capture makes recording videos and lectures easily and without effort. It lets the user record desktop, image from camera or both, has built in simple and intuitive editing studio and allows quick uploading to cloud storage.

It's intuitive and designed to be operated by touch so recording, editing and presenting will be easy even for unexperienced users, while saving and uploading to cloud is done with one click.



TECHNICAL SPECIFICATION

Model	Touchscreen 5 Lite 55	Touchscreen 5 Lite 65	Touchscreen 5 Connect 65	Touchscreen 5 Connect 75	Touchscreen 5 Connect 86
Diagonal	55"	65"	65"	75"	86"
Aspect ratio	16:9				
Display area (mm)	1209,6 x 680,4 mm	1428,48 x 803,52 mm	1428,48 x 803,52 mm	1649,66 x 927,94 mm	1895,04 x 1065,96 mm
Resolution (px)	4K/UHD (3840x2160) @60 Hz				
Response time	<8 ms	<6 ms	<6 ms	<8 ms	<8 ms
Displayed colors	1,07 mld (10-bit)				
Brightness	300 cd/m ²		350 cd/m ²		
Contrast ratio	4000:1				
Viewing angle	178°				
Panel life time	30 000 h		50 000 h		
Speakers	2 x 10 W		2 x 16 W		
Inputs	2x HDMI 2.0, VGA, Audio		2x HDMI 2.0, VGA, Audio, AV		
Outputs	Audio		HDMI, Audio, Coax		
Communication ports	3x USB 2.0, 1x USB 3.0, RS232, RJ45		4x USB 2.0, 2x USB 3.0, RS232, RJ45		
Sensing type	IR (20 point touch)				
Touch response time	<15 ms		<7 ms		
Touch Comm. Port	USB		USB		
Surface protection	Toughened Glass with Level 7 of Mohs Standard, 4 mm antiglare tempered glass				
Touch resolution	32.767 x 32.767				
Overall Power	250 W	250 W	300 W	450 W	500 W
Standby Power	< 0,5 W				
Dimension LxHxW (mm)	1268,4 x 765,2 x 112,4	1521 x 915 x 98	1521,4 x 914 x 98	1763 x 1034 x 100	1988 x 1178 x 100
Package dimension LxHxW (mm)	1428 x 878 x 220	1697 x 1071 x 220	1697 x 1071 x 220	1913 x 1225 x 280	2211 x 1370 x 280
Net weight	30 kg	44 kg	45,6 kg	58,6 kg	75,5 kg
Gross weight	40 kg	55 kg	55 kg	78 kg	105 kg
VESA	400 x 400	600 x 400	600 x 400	800 x 400	800 x 600
Accessories	Power cord (3 m), VGA cable (3 m), USB cable (5 m), audio cable mj 3,5 mm (5 m), plastic pen (3 pcs), remote controller, quick guide, CD or USB flash drive with drivers and software				
WiFi/Bluetooth	TP-Link WiFi dongle		Avtek WiFi/Bluetooth module		
Product code	1TV135	1TV140	1TV145	1TV150	1TV155

Avtek OPS 4K i3

Avtek OPS 4K i5

Computer parameters	Intel i3 6100 Dual Core 3.7 GHz, 4GB, 128 GB SSD	Intel i5 6400 3.3 GHz, 4GB, 128 GB SSD
Built-in cards	Integrated graphic, sound HD and network	
Wi-fi	Wi-fi 802.11ac	
USB 3.0	6 ports in USB 3.0 standard	
Lan	RJ45	
Outputs	mini-jack 3.5mm, mini display port, HDMI, VGA	
Inputs	Microphone	
Product code	1TV133	1TV084

INTERACTIVE WHITEBOARDS AVTEK TT-BOARD

Avtek TT-BOARD interactive whiteboards stand out by combining exceptionally wide functionality with accessible price. Common parts in all boards are precise IR touch technology, aluminum frame and shortcut bars on both sides that give quick access to key software functions. Basic models have a penray, painted steel surface and 6 touch points, while Pro series is distinguished by 10 touch points, interactive penray that allows user to easily change pen colors and ceramic PolyVision e3 surface with lifetime warranty that ensures durability and dry erase ability, while displayed image is kept with very high quality.

Every board comes with Avtek Interactive Suite software.



* Pro models only

PRODUCT FEATURES

- TT-BOARD can be operated by finger or any other stylus
- 6 (TT-BOARD 80, 90) and 10 (Pro series) touch points allow cooperation of number of students together using one whiteboard
- Damage resistant surface fits classroom environment perfectly and can be used by children of all ages
- Quick-use shortcut bars on the sides makes using this interactive whiteboard more intuitive
- Dry erase painted steel (TT-BOARD 80, 90) and PolyVision e3 ceramic surface provides many advantages:
 - Allows attaching magnets
 - Projected image has very high quality
 - High resistance to damage; moreover, damage to surface does not affect touch recognition
- While painted steel surface is designed for occasional use of whiteboard markers, TT-BOARD Pro IWBs with lifetime warranty PolyVision e3 surface can be used as normal whiteboard
- Plug&Play, which means that board does not require drivers to work with Windows7, 8, 8.1 and 10 computers

TECHNICAL SPECIFICATION

Model	TT-BOARD 80 Pro	TT-BOARD 90 Pro	TT-BOARD 80	TT-BOARD 90
Technology	IR		IR	
Touch points	10		6	
Board diagonal	83"	93"	83"	93"
Working area diagonal	80"	90"	80"	90"
Surface type	Magnetic Matte Dry-erase PolyVision e3 porcelain		Magnetic Matte Dry-erase	
Writing method	Finger or any other stylus		Finger or any other stylus	
Aspect ratio	4:3	16:10	4:3	16:10
Resolution	32 768 x 32 768		32 768 x 32 768	
Accuracy	<0,05 mm		<0,05 mm	
Cursor speed	120"/second		120"/second	
Reaction time	First dot 16 ms, continuous line 8 ms		First dot 16 ms, continuous line 8 ms	
Communication	USB		USB	
Shortcut bars	Both sides		Both sides	
Board dimensions	1720 x 1250 x 36 mm	2059 x 1259 x 36 mm	1720 x 1250 x 36 mm	2059 x 1259 x 36 mm
Working area dimensions	1680 x 1180 mm	1974 x 1174 mm	1680 x 1180 mm	1933 x 1170 mm
Interface	USB		USB	
Interactive penray	Yes	Yes	No	No
Aluminum frame	Yes	Yes	Yes	Yes
Shortcut bars	Yes	Yes	Yes	Yes
Software	Avtek Interactive Suite		Avtek Interactive Suite	
Warranty	3 years, lifetime for surface		3 years	
Product code	1TV051	1TV110	1TV068	1TV109