

## 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!



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## 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.

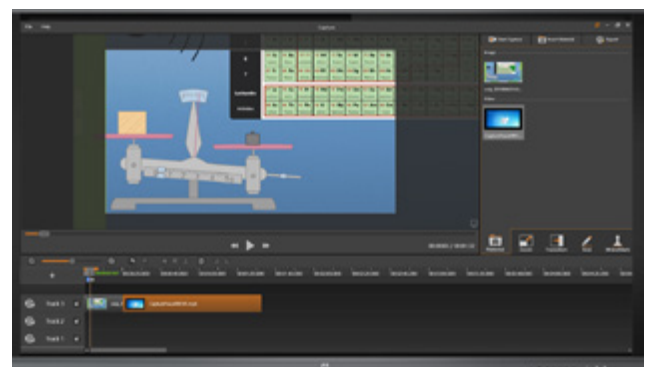


### CAPTURE



**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 (3840×2160) @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 <sup>2</sup>		350 cd/m <sup>2</sup>		
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



