avtek

Present | Teach | Inspire

WE OPEN EYES

**PRODUCT
CATALOG
2017 / 2018**

Present | Teach | Inspire

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 alone enjoy over 50% of Polish interactive display market share**.

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 approximately **every second device sold** in Poland being distributed by ViDiS.

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, Germany, Great Britain, Czech Republic, Spain, Belarus, Slovakia, Hungary, Ukraine, Romania, Bulgaria, Slovenia, France, Croatia, Serbia, Moldova, 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.

CONTENT

NEW REALITIES CREATED WITH TOUCH

INTERACTIVE
DISPLAYS

INTERACTIVE DISPLAYS AVTEK TOUCHSCREEN PRO

Avtek TouchScreen Pro 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.

RM Easiteach or **Avtek Interactive Suite** software is recommended to fully make use of TouchScreens interactive functions.

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.

TECHNICAL SPECIFICATION

Model	TouchScreen 55 Pro2	TouchScreen 65 Pro2	TouchScreen 75 Pro2	TouchScreen 84 Pro	TouchScreen 98 Pro
Diagonal	55"	65"	75"	84"	98"
Aspect ratio	16:9	16:9	16:9	16:9	16:9
Display area	1.209,6 x 680,4	1.428,5 x 803,5	1.650,2 x 928,3	1.860,5 x 1.046,5	2.158,8 x 1.214,4
Resolution	1.920 x 1.080	1.920 x 1.080	1.920 x 1.080	3.840 x 2.160	3.840 x 2.160
Response time	< 6 ms	< 6 ms	< 6ms	< 8 ms	< 5 ms
Displayed colors	16.77M (8-bit)	16.77M (8-bit)	16.77M (8-bit)	1.07B (10-bit)	1.07B (10-bit)
Brightness	350 cd/m²	350 cd/m²	330 cd/m²	350 cd/m²	500 cd/m²
Contrast ratio	1200:1	1400:1	5000:1	1600:1	1300:1
Viewing angle	178°	178°	178°	178°	178°
Panel life time	30.000 h	30.000 h	30.000 h	50.000 h	30.000 h
Speakers	2 x 10 W				
Inputs	CVBS, 3x VGA, 3x HDMI, 3x mini-jack 3.5 mm, AV, 1x HDMI 4K (84 Pro, 98 Pro)				
Outputs	VGA, mini-jack 3.5 mm, COAX				
Comunication ports	USB 2.0 x4, USB 3.0 x1, RJ45, RS232, USB Touch				
Sensing type	Infrared (10 point touch)		Infrared (20 point touch)	Infrared (10 point touch)	
Touch response time	< 15 ms			< 20 ms	
Communication mode	USB (HID)				
Surface protection	4 mm antiglare tempered glass				
Touch resolution	32.768 x 32.768				
Overall Power	200 W	250 W	400 W	550 W	650 W
Standby Power	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W
Dimension L x H x W (mm)	1.304 x 800 x 97	1.523 x 924 x 98	1.764 x 1.043 x 100	1.978 x 1.187 x 99	2.257 x 1.335 x 118
Package dimension L x H x W	1.458 x 932 x 220	1.697 x 1.071 x 220	1.913 x 1.225x 280	2.170 x 1.370 x 320	2.450 x 1.555 x 385
Net weight	33 kg	46 kg	60 kg	116 kg	150 kg
Gross weight	41 kg	57 kg	78 kg	146 kg	200 kg
VESA	400 x 400	600 x 400	800 x 400	600 x 600	800 x 600
Accessories	AC power cable, writing pens (3x), remote control with batteries, HDMI cable, VGA cable, USB cable, audio cable, wall mount, quick start guide				
Product code	1TV055	1TV059	1TV056	1TV034	1TV047

	Avtek OPS	Avtek OPS UHD
Computer parameters	Intel® Core i5-4460 3.2GHz, 4 GB RAM, 120 GB SSD	Intel® Core™ i7-3770T 2.5GHz, 8GB RAM, 240 GB SSD
Built-in cards	Integrated graphic, sound HD and network	sound HD and network
Graphics card	Integrated	nVidia GT745M
Wi-Fi	802.11 a/g/n	
Bluetooth	Bluetooth 4.0	
USB 2.0 / 3.0	4 / 2	2 / 4
Lan	RJ45	
Outputs	mini-jack 3.5 mm, mini display port, HDMI, VGA	
Inputs	microphone	

TECHNOLOGIES USED IN TOUCHSCREEN PRO SERIES MONITORS

Panel LifetimePro
Professional LCD panel manufactured using the latest technologies gained an extended lifetime up to 30.000/50.000* hours. Using the monitor 8 hours a day, 5 days a week, 50 weeks per year it could work even 15 or 25 years and it's maintenance free.
* depending on the size

Eco-Backlight System
LCD panel uses new technology LED backlight with lower power consumption. Lower bills for electricity and ecology thanks to the latest technologies.

Alu-frame Safe Line
The frame of the device was manufactured from highest quality aluminum. The design of the frame is very elegant but also reinforces the monitor increasing its lifetime and safety of the user.

HardT Glass
Tempered glass hardened in a special process assures highest security during the usage. With a 4 mm thick glass the monitor can work in harsh conditions.

MattSURF Layer
The surface of the monitor was designed for the highest comfort during work. That's why the designers constructed durable and matt surface where the reflections of the outside light disappear. This makes the image clear and visible in any conditions even in very bright rooms.

BLCKFrame Touch
The monitors were designed thinking about the newest software. This is why around the panel there is an additional black frame on the glass. It simplifies working with MS Windows 8 and 10 operating systems.

HighRES Infrared Positioning
Well known and proven technology of infrared positioning has adopted the latest algorithms of reading and transferring data which leads to higher resolution, precision and accuracy of the touch functions.

Smart Calibration System
Thanks to factory precalibration of the monitor there is no need to do it before the first use. Even when the computer connected to the device is being changed, the calibrations is not required so the monitor is ready to work just after it's turned on.
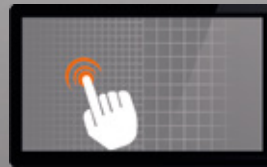
SetMyLogo
Customization of the device is possible with own starting LOGO. It can be uploaded by the advanced users so during startup of the monitor the desired image can be displayed.

Android OS
Built-in Android operating system makes TouchScreen a self-sufficient device that don't require a connected PC to browse internet or use it as an electronic whiteboard.

Dual SnDBoost
High quality surround sound based on a new generation digital converter allows excellent sound from the two high power speakers.
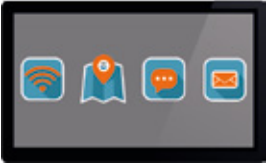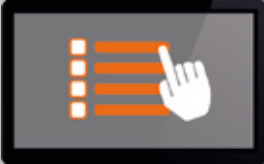
Auto ON/OFF Switch

The monitor can be programmed to turn ON and OFF automatically at a scheduled hours and days of the week. It can be used simply as an electricity saver function but it can be also useful for a Digital Signage solution.

Avtek MediaCNTR

In order to meet the expectations of the most demanding user the Avtek monitors are equipped with built in media player. It's enough to plug in a USB drive with the proper content to play music, watch movies or images without need of any external players. Moreover computer is no longer required to run MS Office files as the Avte MediaCNTR will play them as well.

Touch4OSD

The touch OSD makes it really easy to setup the basic functions of the monitor. It eliminates the necessity of having a remote control which can be lost or stolen and requires battery replacement.

Computer4Touch

Optional solution which transforms the device into All-in-one system consisting of the monitor and a built in computer. This way it's enough to connect the monitor to power supply in order to navigate in the internet, use maps or other applications and even play games.
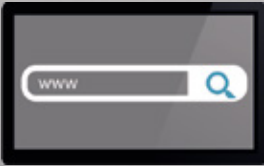
Touch2Browse

Integrated web browser simplifies searching for information – it's enough to plug in a LAN cable to the monitor and enjoy the internet resources.
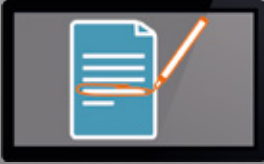
Note-ON-it

Hardware level built in special application allows users to make notes on any image displayed on the monitor. This provides the functionality of an interactive whiteboard or a copy board without connecting a computer.

Full Connect Panel

Simultaneous using of different analog and digital signals from devices like DVD, BluRay, document cameras or TV Decoder is easier thanks to multiple connections. In combination with the Touch 4 OSD function the source can be switched in a moment without having to change cables during presentation or lessons.

Grab2Erase

The monitor recognizes the gesture of grabbing of the surface as an eraser function – thanks to that user can smoothly switch from writing mode to erasing mode without even a single clicking.
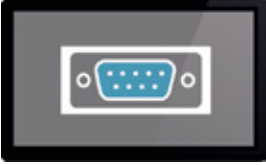
Serial Control Line

The RS-232 connection port allows controlling of the monitor connected to external control systems. This feature gives more options to the power users to prepare an intelligent and automated environment.

Remote4PC

Expanded remote control makes possible to use many functions of the built in computer. With the option of switching slides in MS PowerPoint or making the screen go blank the remote control becomes a powerful tool in the hand of a presenter.

Plug and play

Using the monitor together with any device (eg. Bluray player, document camera) is as simple as plugging the signal cable to one of the connections.

SENSITIVE DIMENSION OF COMMUNICATION

INTERACTIVE WHITEBOARDS

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 pentray, painted steel surface and 6 touch points, while Pro series is distinguished by 10 touch points, interactive pentray 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.

LIFETIME WARRANTY*
for surface

* Pro models only

PRODUCT FEATURES

- TT-BOARD can be operated by finger or any other stylus 6 (TT-BOARD 80) 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) 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 100 Pro	TT-BOARD 80
Technology	IR		
Touch points	10	10	6
Board diagonal	83"	105"	83"
Working area diagonal	80"	100"	80"
Surface type	Magnetic Matte Dry-erase PolyVision e3 porcelain		Magnetic Matte Dry-erase
Writing method	Finger or any other stylus		
Aspect ratio	4:3	16:10	4:3
Resolution	32 768 x 32 768		
Accuracy	<0,05 mm		
Cursor speed	120"/second		
Reaction time	First dot 16 ms, continuous line 8 ms		
Communication	USB		
Shortcut bars	Both sides		
Board dimensions	1720 x 1250 x 36 mm	2279 x 1407 x 36 mm	1720 x 1250 x 36 mm
Working area dimensions	1680 x 1180 mm	2220 x 1317 mm	1680 x 1180 mm
Interface	USB		
Interactive pentray	Yes	Yes	No
Aluminum frame	Yes	Yes	Yes
Shortcut bars	Yes	Yes	Yes
Software	Avtek Interactive Suite		
Warranty	3 years, lifetime for surface		3 years
Product code	1TV051	1TV064	1TV068

AVTEK INTERACTIVE SUITE
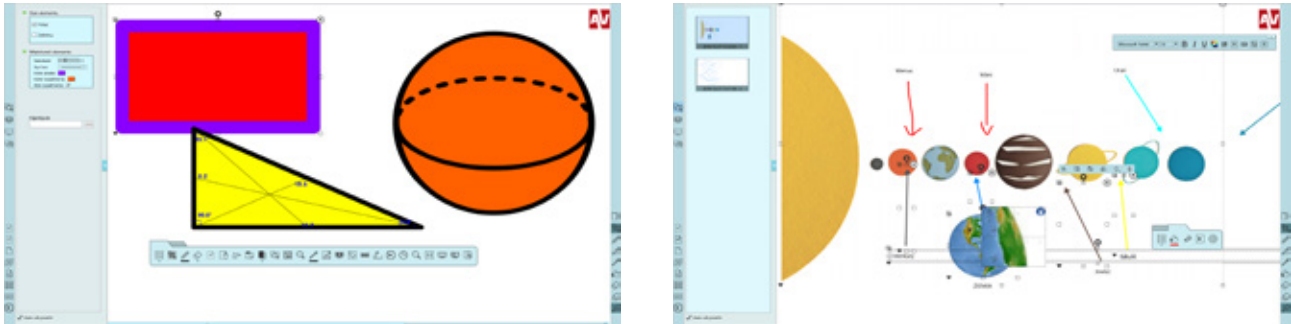
Avtek Interactive Suite helps during classes, presentations and every other situations where interactive functions of interactive whiteboards or interactive displays are used. It allows both working on previously made documents, editing them during the meeting or making them from scratch.

- Double page mode, where two students can work on their own pages simultaneously
- Two work modes: office mode and interactive mode. Office mode has interface resembling that of MS Office programs and allows intuitive access to all functions and is adapted to preparing materials. Second mode is designed for work on interactive whiteboard or interactive display: page area is maximized, most used functions quickly accessible and placed lower on the screen while user-customized floating toolbar will allow more personalization.
- Inserting local resources: images, video, sound and even MS Excell tables
- Created objects stay editable. Changing color, thickness, fill are possible after drawing an object. More over: adding a hyperlink, recording audio and replaying all changes done to every object is possible too!
- Advanced screenshot taking tool allows not only to choose between taking a screenshot of desktop or current software page, but also lets you choose exact shape of taken image and whether to save it to harddrive, paste into a page or both.

After turning the software on user is presented with MS Office-like interface separated into standard toolbars: File, Edit, Page, View, Draw, Insert and Tools. While less demanding users will be content with basic tools like different kind of pens, inserting objects and tools (like a ruler or set square), a more experienced one will be able to use more advanced tools: grouping object in a very quick way, editing drawn objects, replaying every action made with an object or on an entire page. Those last two functions plus function of recording sound for each object lets teacher use interesting pre-recorded lessons.

CHOOSE ACCESSORIES FOR THE INTERACTIVE WHITEBOARD
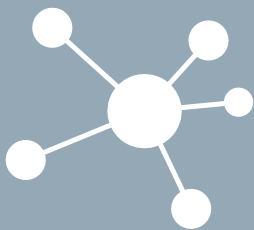

Soundbar – page 36

Mounts and brackets – page 33

Projector mounts – page 31

CENTRALIZED EDUCATION

ZERO-CLIENT TERMINAL

ZERO-CLIENT TERMINAL

Avtek Zero is specialized zero-client terminal solution. Dedicated to Microsoft Windows MultiPoint Server 2012/2016 and Userful Linux, allows multiple users to share one single server through an Ethernet connection. Just connect keyboard, mouse and LCD monitor to Avtek Zero to provide independent workstations. This solutions is ideal for schools, call centres and business.

Avtek Zero is zero-client terminal created as a low-cost alternative to classic PC. This scalable and powerful solution allows to connect up to 20 clients with Microsoft MultiPoint Server 2012 or more with Microsoft MultiPoint Server 2016. On one server Avtek Zero brings excellent performance and enhanced visual and audio effects. Video playback on this zero client is much smoother and has better quality than on standard RDP thin client.

Avtek Zero features common ports and connectors, such as 4 USB 2.0 ports, speaker (audio out) and microphone (audio in) ports. Built-in VGA and HDMI supports up to Full HD resolution (1.920 x 1.080) and built-in gigabit network card provides high performance connection with server host.

The price of Avtek Zero is only a fraction of the cost for the traditional PC system. Implementation of IT classroom based on Avtek Zero is only around 70% of standard implementations costs.
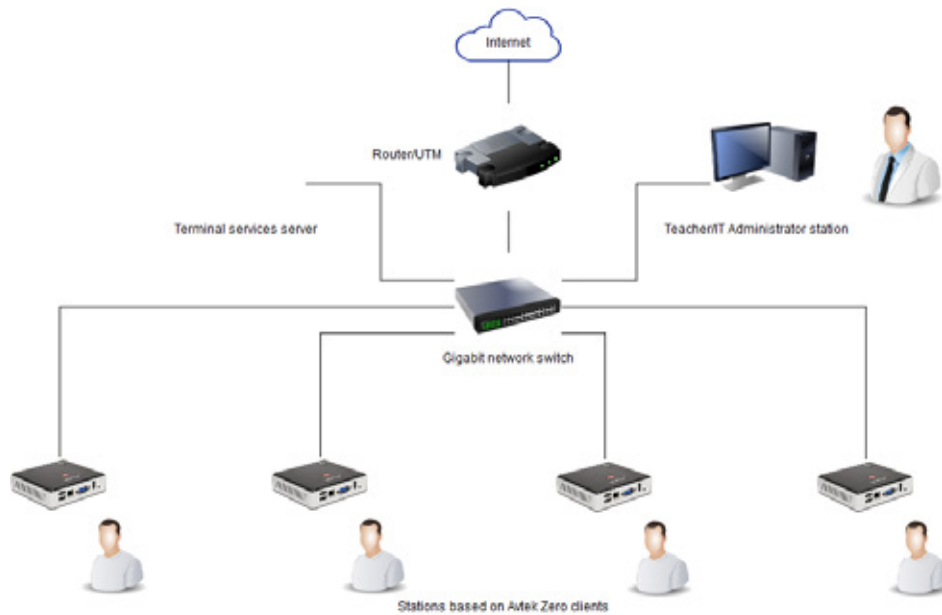
The zero client consumes less than 3,5W of power energy which means more savings. Heat and carbon emissions during operation are greatly reduced in comparison with the regular PC system. Also the manufacturing impact and EOL (end of life) recycling waste of the zero client is much lower than a standard PC. This makes Avtek Zero much more environmental friendly product.

With Avtek Zero solution all the management operations, such as user account control, software installation and upgrade are all centralized on the host server. The system administrator needs to service only 1 host machine per 20 or more seats. In contrast the legacy PC setup requires the same management tasks to be performed on each and every seat.

The management software has been integrated into the MultiPoint Manager dashboard and it provides a one-glance view for all the zero clients on the network. The centralized management and control features provided by this software make administrator's job easy.

TECHNICAL SPECIFICATION

Model	Avtek Zero zero-client terminal
Chipset	Terminal based on SoC (System on Chip)
Compatibility	Compatible with Microsoft MultiPoint Server 2012/2016 and Userful Linux; no external management software needed, directly supported via operating system
Built-in video ports	VGA - 1x, HDMI - 1x
Supported resolutions	VGA – up to 1.920x1.080@60Hz; HDMI – up to 1.920x1.080
Built-in ports	USB 2.0 - 4x, VGA - 1x, HDMI - 1x, mini jack 3,5mm (mic in) - 1x, mini jack 3,5mm (speakers) - 1x, RJ45 - 1x, power connector
Network	10/100/1000 Mbps; RJ45 - 1x
Dimensions	115 mm (S) x 110 mm (W) x 30 mm (H)
Case	Made of aluminium and plastic
Buttons	Built-in power button and RESET (factory reset); LED indicating work
Weight	Device weight - 300g; gross weight - 700g
Power supply	100-240V 50/60Hz AC, 5V 2A DC
Power consumption	around 3,5W
Cooling system	Passive cooling system
Noise level	0dB (No moving parts generating noise)
Work conditions	Temperature 0-40C, humidity 10-90% (without condensation)
Montage	Dedicated VESA bracket 75 x 75 mm / 100 x 100 mm
Safety	Kensington Lock
In package	Terminal Avtek ZERO, power supply, quick start guide, VESA bracket with screws
Certificates	CE, RoHS
Product code	1TV069

ALWAYS CLOSE BY REGARDLESS OF DISTANCE
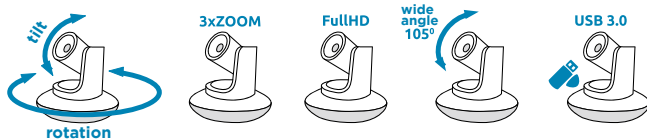
CAMERA

AVTEK MEETING CAM

Professional camera to transmit video with Full HD resolution. Through USB 3.0 interface it's able to connect with Skype for Business and perform video conferencing. DVI-I interface (HDMI) is an additional connection for recording systems and video management in any type of installation which supports a digital video signal. Thanks to a very wide viewing angle lens (105°) and 3x optical zoom camera is ideal for small and medium-sized conference rooms. Additional function of storing up to 128 location presets together with PTZ mechanism perfectly suits applications where it has to show different areas of the room.

PRODUCT FEATURES

- transmission through USB 3.0 interface and DVI-I (HDMI),
- 3x optical and digital zoom,
- resolution 1.920 x 1.080, 30 fps,
- Wide viewing angle (105°),
- PTZ mechanism with smooth control system,
- 128 location presets,
- ability to control via RS232/RS485,
- exposure compensation and noise reduction,
- control protocols Sony Visca and Pelco P/D,
- multifunctional wireless remote control,
- 5 Megapixels sensor Ambarella A7L,
- fast and accurate focusing,
- easy firmware update.

Model	Avtek Meeting Cam
Sensor	1/3", 5MP
Zoom	3x optical + 3x digital
Viewing angle	30.2° ~ 105°
Rotation	-170° ~ +170°
Tilt	-30° ~ +90°
Rotation speed	0° ~ 120°/s
Tilt speed	0° ~ 80°/s
Quantity of location presets	128
Control	RS232 / USB3.0
Video streaming interface	DVI-I (HDMI by adapter) / USB 3.0
SNR	>47dB
Focal length	f = 3.2mm - 9.6mm
Minimum lightning	0.01 lux
White balance	auto / manual
Focus	auto / manual
Aperture	auto / manual
Power	DC 12V
Dimensions mm (W x H x L)	220 x 173 × 117
Weight	1.25 Kg
Product code	1TV036

CAMERA APPLICATIONS

Broadcast live events

The camera can be used in all kinds of broadcasts of cultural events such as concerts, shows or dance events. Thanks to additional displays audience can follow the actors' mimics, musicians' instruments or dancers' costumes. The camera can be mounted on a permanent basis or on a camera tripod.

Education and trainings

A perfect example of Avtek Meeting Cam usage are trainings and live lessons. Using applications such as Skype an advanced video conferencing system can be created for presentation of teachers and students speeches. Thanks to that they can virtually move to other educational entities for better knowledge transfer.

Business videoconference

Talking with customers face to face is the best way of doing business. Unfortunately it is not always possible due to large distances between eg. branch offices. Using the Avtek Meeting Cam and software such as Skype for Business it's easy to conduct briefing in the company, discuss important issues or analyze the market situation.
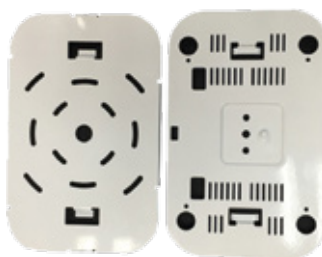
OPTIONAL MOUNTS FOR AVTEK MEETING CAM
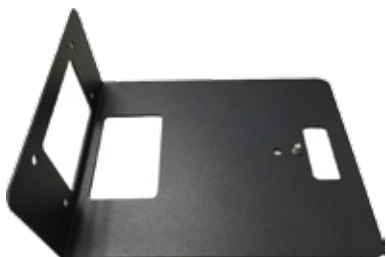
Avtek W-mount for Meeting Cam

Wall mount for Avtek camera

PRODUCT CODE: 1MV042

Avtek C-mount for Meeting Cam

Ceiling mount for Avtek camera

PRODUCT CODE: 1MV043

APPEALING PROJECTIONS

PROJECTION
SCREENS

ELECTRIC SCREENS

PRODUCT DESCRIPTION

- White metal casing with unique square cross-section looks elegant in any room.
- Flat bottom of the casing ideal for in-ceiling installations.
- Special mounts make it ideal for ceiling or wall mounting.
- Plug&Play technology - screen ready to go as soon as it is plugged in without any configuration.
- Lower bar made of hard material protecting surface from creasing.
- High quality Matt White projection surface with gain factor 1.0 is perfect for every light conditions.
- Black frames increase perceived contrast ratio.
- Black TOP - screen can be positioned at viewer's eye level.
- It's enough to use the wired or wireless control to roll up or down the screen. Quiet tubular engine designed for intensive operation will do the rest of the work.

TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Product code
Video Electric 200	200 x 200	195 x 146	4:3	2.5	49	5	1EVE11
Video Electric 240	240 x 200	235 x 176	4:3	2.5	19	5	1EVE14
Video Electric 270	270 x 220	260 x 195	4:3	5	20	5	1EVE15
Video Electric 300P	300 x 227.5	290 x 217.5	4:3	5	5	5	1EVE54
Business Electric 200	200 x 200	190 x 122	16:10	2.5	73	5	1EVE45
Business Electric 240	240 x 200	235 x 147	16:10	2.5	48	5	1EVE46
Business Electric 270	270 x 220	260 x 162.5	16:10	5	52.5	5	1EVE47
Business Electric 300P	300 x 227.5	290 x 181.2	16:10	5	41.3	5	1EVE53
Cinema Electric 200	200 x 200	190 x 107	16:9	5	9	4	1EVE55
Cinema Electric 240	240 x 200	230 x 129.5	16:9	5	66.5	4	1EVE56

ELECTRIC SCREENS WALL SERIES

PRODUCT DESCRIPTION

- White metal casing looks elegant in any room.
- Special mounts make it ideal for ceiling or wall mounting.
- Plug&Play technology - screen ready to go as soon as it is plugged in without any configuration.
- It's enough to use the wired control to roll up or down the screen. Electric engine designed for intensive operation will do the rest of the work.
- Lower bar made of hard material protecting surface from creasing.
- Black frames increase perceived contrast ratio.

Standard wired control

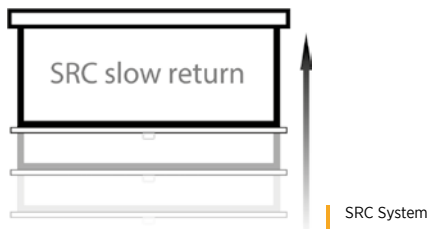Optional module for remote control
PRODUCT CODE: 1EAV06

TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Product code
Wall Electric 180	185 x 143	180 x 135	4:3	2.5	2.5	2.5	1EVEE4
Wall Electric 200	205 x 158	200 x 150	4:3	2.5	2.5	2.5	1EVEE5
Wall Electric 240	245 x 188	240 x 180	4:3	2.5	2.5	2.5	1EVEE6

PRO MANUAL SCREENS

PRODUCT DESCRIPTION

- White metal casing with unique square cross-section looks elegant in any room.
- Flat bottom of the casing ideal for in-ceiling installations.
- Lower bar made of hard material protecting surface from creasing.
- Pull-up safety catch makes possible to roll down the screen and fit to any format.
- Special mounts make it ideal for ceiling or wall mounting.
- SRC System (Slow Return Control) for safe operation.
- Black frames increase perceived contrast ratio.
- Black TOP - screen can be positioned at viewer's eye level.
- High quality Matt White projection surface with gain factor 1.0 is perfect for every light conditions.

SRC slow return

SRC System

TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Product code
Video PRO 200	200 x 200	190 x 142.5	4:3	2.5	52.5	5	1EVS54
Video PRO 240	240 x 200	230 x 172.5	4:3	5	22.5	5	1EVS55
Business PRO 200	200 x 220	190 x 118.5	16:10	5	76.5	5	1EVS59
Business PRO 240	240 x 200	230 x 143.5	16:10	5	51.5	5	1EVS60

SPECIAL FEATURES OF ELECTRIC* AND PRO MANUAL SCREENS

Square cross-section

Ideal for ceiling or wall mounting

* excluding Wall series

MANUAL SCREENS

PRODUCT DESCRIPTION

- White metal casing looks elegant in any room.
- Special mounts make it ideal for ceiling or wall mounting.
- Lower bar made of hard material protecting surface from creasing.
- Pull-up safety catch makes possible to roll down the screen and fit to any format.
- High quality Matt White projection surface with gain factor 1.0 is perfect for every light conditions.
- Black frames increase perceived contrast ratio (Video, Business, Cinema).
- Black TOP - screen can be positioned at viewer's eye level (Video, Business, Cinema).

Manual screens are available in two versions (with or without black frames) and in four formats. Rolling up and down is manual which makes the screen both reasonably cheap and functional.

Video screens are suitable for traditional projectors with XGA (1.024 x 768) resolution. In case of Business and Cinema screens they have panoramic screens, perfect for projector with WXGA (1.280 x 800) and HD Ready or Full HD (1.280 x 720 or 1.920 x 1.080) resolution. Thanks to that the user can ideally fit the image from the projector to the dimensions of the screen to receive the best visual perception.
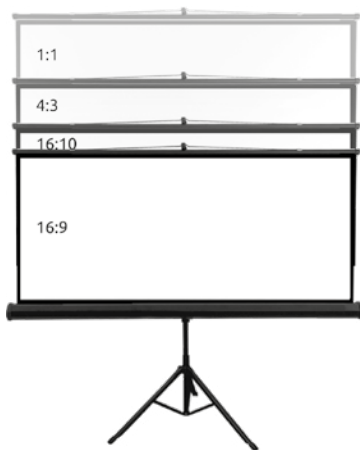

TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Product code
Wall 175	175 x 175	175 x 175	1:1	-	-	-	1EVS03
Wall 200	200 x 200	200 x 200	1:1	-	-	-	1EVS04
Video 175	175 x 175	170 x 127.5	4:3	2.5	44.5	3	1EVS23
Video 200	200 x 200	195 x 146.5	4:3	2.5	49.5	4	1EVS24
Video 240	240 x 200	230 x 172.5	4:3	5	23.5	4	1EVS25
Video 280	280 x 212.5	270 x 202.5	4:3	5	6	4	1EVS26
Business 200	200 x 200	190 x 119	16:10	5	77	4	1EVS56
Business 240	240 x 200	230 x 144	16:10	5	52	4	1EVS57
Business 280	280 x 200	270 x 169	16:10	5	27	4	1EVS58
Cinema 200	200 x 200	190 x 107	16:9	5	89	4	1EVS37
Cinema 240	240 x 200	230 x 129.5	16:9	5	66,5	4	1EVS38

PORTABLE SCREENS

PRODUCT DESCRIPTION

- Black metal casing looks elegant in any conditions and rooms.
- Thanks to special tripod and projection surface the screen can be easily kept in vertical position and it doesn't take too much space.
- Folded screen is lightweight and portable.
- Lower bar and upper bar height adjustment is possible with the special handles to position the screen at viewer's eye level. This also allows the user to obtain any format ratio (1:1, 4:3, 16:9, 16:10) to fit to any projector.
- Keystone effect eliminated by special arm that adjusts screen angle. The image is not distorted when the projector is not perpendicular to the screen surface.
- High quality Matt White projection surface with gain factor 1.0 is perfect for every light conditions.
- Black frames increase perceived contrast ratio (Tripod PRO).
- Strengthened tripod construction for extreme stability (Tripod PRO).
- Optional screen cover helps with even easier transportation.

Portable screens assures mobility and easiness of displaying image. They are an universal solution to any type of projector or OHP. The screens are available in two versions (with or without black frames) and width from 150 to 200 cm.

Possibility to adjust the screen ratio to the projector image.

TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Product code
Tripod Standard 150	150 x 150	150 x 150	1:1	-	-	-	1EVT02
Tripod Standard 175	175 x 175	175 x 175	1:1	-	-	-	1EVT03
Tripod Standard 200	200 x 200	200 x 200	1:1	-	-	-	1EVT04
Tripod PRO 180	180 x 180	175 x 175	1:1	2.5	2.5	2.5	1EVT13
Tripod PRO 200	200 x 200	195 x 195	1:1	2.5	2.5	2.5	1EVT14

SCREEN COVER

PRODUCT DESCRIPTION

- Universal cover for the projection screen preventing from dirt simplifying transportation thanks to the arm band.
- Cross section 20 x 20 cm and 195 cm or 215 cm length.
- Fits most of the portable screens on the market.

PRODUCT CODE
195cm - 1EVA01
215cm - 1EVA02

LARGE SCALE FOLD SCREENS

Large scale screens are perfect for projections in rooms and in open air. Fold frame screens are available in two formats (4:3 and 16:9). Each format has five sizes, which makes it easier to fit the screen to projection requirements.

PRODUCT DESCRIPTION

- Stable, silver color aluminum foldable frame.
- Ideal for large-scale projections both indoors and outdoors.
- Quick and simple assembly (no tools needed).
- Surface is fixed to frame with metal press studs which can be pressed by hand.
- Black frames increase perceived contrast ratio.
- Convenient, black case on castor wheels for easy transportation and carriage.
- Height adjustment is easy with special screws.
- Front projection surface is standard accessory.
- Optional rear projection surface for displaying the image from a projector installed at the back of the screen.

Screen folding
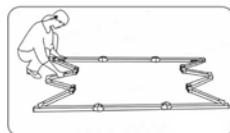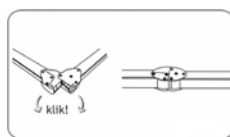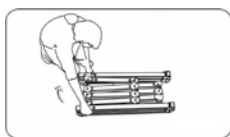
Press stud mounted surface

Fast and easy folding

Height adjustment

FOLD SCREEN TECHNICAL SPECIFICATION

Model	Screen dimensions (cm)	Viewing area (cm)	Ratio	Side black frames (cm)	Black TOP (cm)	Black bottom (cm)	Case dimensions (cm)	Product code
Fold 240 (4:3)	236.8 x 202.9	243.8 x 182.9	4:3	10	10	10	99 x 31 x 54	1EVF11
Fold 300 (4:3)	324.8 x 248.6	304.8 x 228.6	4:3	10	10	10	119 x 31 x 60	1EVF12
Fold 360 (4:3)	385.8 x 294.3	365.8 x 274.3	4:3	10	10	10	119 x 31 x 66	1EVF13
Fold 400 (4:3)	426.4 x 324.8	406.4 x 304.8	4:3	10	10	10	119 x 31 x 66	1EVF14
Fold 500 (4:3)	528 x 401	508 x 381	4:3	10	10	10	152.5 x 36 x 36 [1] 152.5 x 36 x 6 [2]	1EVF15
Fold 180 (16:9)	219.2 x 130.3	203.2 x 114.3	16:9	8	8	8	93 x 31 x 45	1EVF16
Fold 220 (16:9)	263.8 x 157	243.8 x 137.2	16:9	10	10	10	99 x 31 x 54	1EVF17
Fold 280 (16:9)	324.8 x 193	304.8 x 172.7	16:9	10	10	10	119 x 31 x 60	1EVF18
Fold 340 (16:9)	385.8 x 226	365.8 x 205.7	16:9	10	10	10	119 x 31 x 66	1EVF19
Fold 380 (16:9)	426.4 x 249	406.4 x 228.6	16:9	10	10	10	119 x 31 x 66	1EVF20

1) Case for the frame
2) Case for the support and surface

FRAME SCREENS
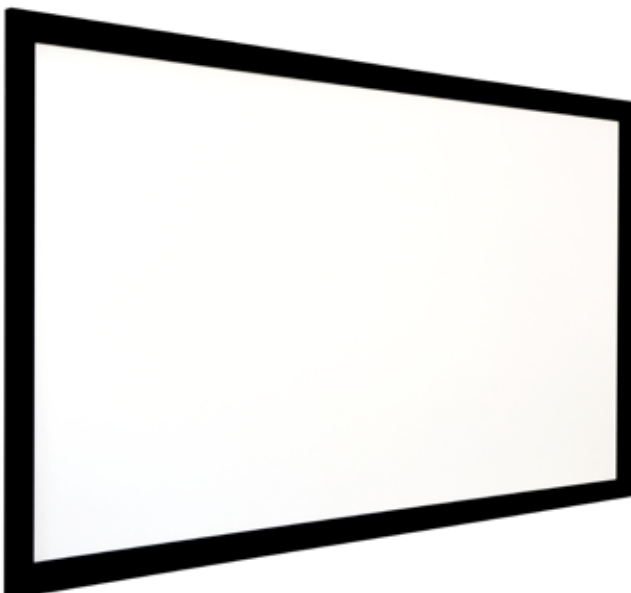
- Screen made for projection of wide format, high quality image in home cinema
- High quality projection surface with reflection factor (gain) of 1.0
- Absolute flatness - spring mount system equalizes the tension on the fabric surface, providing the best uniformity and minimizing image distortion
- Quick and easy installation
- Aluminum alloy frames are conencted with insert-type steel corner brackets providing a rigid structure
- For increased contrast and elegant appearance, frames are covered with velvet
- Diagonal 210 cm (1EVC01) and 280 cm (1EVC02)

PRODUCT CODE:
Frame Cinema 210 - **1EVC01**
Frame Cinema 280 - **1EVC02**

FAST
AND SECURE

MOUNTING
SYSTEMS

CEILING PROJECTOR MOUNTS

EASYMOUNT

PRODUCT DESCRIPTION

- Possibility to mount directly on the ceiling (12 cm) or in 43 – 65 cm distance – thanks to regulation it's perfect for installation in typical offices or classrooms.
- Maximum spacing between assembly holes up to 32 cm and maximum projector weight up to 10 kg makes it possible to fit the mount to most of the portable projectors.
- Cable without a connector can be pulled through so it's easier to hide it inside the mount.
- +/- 15° tilt and +/- 22.5° side tilt helps to fit the displayed image precisely and easy to the projection surface.
- Optional extension pole gives the possibility to mount the projector at any distance from the ceiling.
- Color: white.
- Material: steel.

PRODUCT CODE: **1MVEM2**

EASYMOUNT EXTENSION

EXTENSION POLE FOR EASYMOUNT

- After combining with EasyMount the mounting distance can be regulated from 71 cm to 122 cm or even 102 cm to 175 cm when all the elements are used.
- It's possible to connect more extensions to make bigger distance from the ceiling.
- Smooth length regulation allows the projector to be installed at any level.
- Material: steel.

PRODUCT CODE: **1MVEM3**

PROMOUNT DIRECT

PRODUCT DESCRIPTION

- Possibility to mount directly on the ceiling (13 cm) – ideal for installation in low ceiling rooms.
- Ball joint for precise tilt regulation up to 25° and 360° rotation simplifies the adjustment to the projection surface.
- Precise regulation of the projector position with threaded distancing tubes for best image performance.
- Maximum spacing between assembly holes up to 38 cm and maximum projector weight up to 25 kg makes it possible to fit even bigger and heavier projectors.
- Cable can be pulled through so it's easier to hide it inside the mount.
- Optional extension pole gives the possibility to mount the projector at bigger distance from the ceiling.
- Color: silver.
- Material: aluminum.

PRODUCT CODE: **1MVPM5**

PROMOUNT DIRECT EXTENSION

EXTENSION POLE FOR PROMOUNT DIRECT

- Together with ProMount the mounting distance can be regulated from 61 cm to 120 cm.
- The length regulation is with pitch of 3 cm.
- Cable with connector up to 25 mm wide can be pulled through.
- Material: aluminum.

PRODUCT CODE: **1MVPM6**

WALL PROJECTOR MOUNTS

WALLMOUNT 1200

PRODUCT DESCRIPTION

- Maximum spacing between assembly holes up to 34 cm and maximum projector weight up to 25 kg makes it possible to fit the mount to even bigger and heavier projectors.
- The projection distance can be regulated from few cm up to 114 cm gives the possibility do adjust the image size from short throw projector to the interactive whiteboard size.
- Possibility to tilt the projector in both axes simplifies the installation and adjustment to the projection surface.
- Color: white.
- Material: steel.

PRODUCT CODE: **1MVWM7**

WALLMOUNT PRO 1200

PRODUCT DESCRIPTION

- Maximum spacing between assembly holes up to 30 cm and maximum projector weight up to 12 kg makes it possible to fit the mount most of the portable projectors.
- The projection distance can be regulated from 63.5 cm up to 116.5 cm gives the possibility do adjust the image size from short throw projector to the interactive whiteboard size.
- Possibility to tilt the projector 42° in both axes simplifies the installation and adjustment to the projection surface.
- Cable can be pulled through so it's easier to hide it inside the mount.
- Plastic cover to hide the wall mounting plate.
- Color: white.
- Material: aluminum.

PRODUCT CODE: **1MVWM8**

WALLMOUNT PRO 1500

PRODUCT DESCRIPTION

- Maximum spacing between assembly holes up to 30 cm and maximum projector weight up to 10 kg makes it possible to fit the mount most of the portable projectors.
- The projection distance can be regulated from 83.5 cm up to 146.5 cm gives the possibility do adjust the image size from short throw projector to the interactive whiteboard size.
- Possibility to tilt the projector 42° in both axes simplifies the installation and adjustment to the projection surface.
- Cable can be pulled through so it's easier to hide it inside the mount.
- Plastic cover to hide the wall mounting plate.
- Color: white.
- Material: aluminum.

PRODUCT CODE: **1MVWM9**

MOUNTING SYSTEMS

TOUCHSCREEN MOBILE STAND PRO

MOBILE STAND FOR INTERACTIVE DISPLAYS

TouchScreen Mobile Stand Pro is a mobile stand for interactive screens. It allows you to comfortably install a screen and then lets you move it around on a stable, elegant and minimalistic construction. Quality materials and solid framework allows to use it with even the biggest screens.

- Max. load 150 kg
- Big shelf for a computer or other accessories
- Stable, solid construction
- Black color
- Rubbered wheels makes moving it easy and quiet
- Wheels can be blocked for safety

PRODUCT CODE (for Avtek monitors): **1MV041T**
PRODUCT CODE (for other monitors): **1MV041Z**

TROLLEY DUO

MOBILE TROLLEY FOR PROJECTOR AND LAPTOP

Perfect tool for presenters using eg. a projector connected to a laptop. Presentation table Avtek Trolley Duo has two foldable table tops for a projector and notebook. It has also shelf for transportation of a suitcase or additional devices.

- Upper desk - 35 x 42 cm with maximum load of 10 kg – can hold most of portable projectors on the market,
- The upper desk height can be regulated from 80 cm to 120 cm – the position of the projector image can be adjusted,
- Lower desk - 24 x 36 cm with maximum load of 5 kg to fit most of the laptops,
- The lower desk height can be regulated from 73 cm to 105 cm,
- Big wheels for easy transportation,
- Regulated supporting pins for better stabilization,
- Weight: 12.8 kg,
- Color: grey.

PRODUCT CODE: **1MV033**

MOUNTING SYSTEMS FOR INTERACTIVE WHITEBOARDS

REGULATED WALL MOUNT

PRODUCT DESCRIPTION

• Wall mounted bracket for Interactive Whiteboards,
• Smooth, manual height adjustment in 40 cm range,
• Universal short-throw projector arm included,
• Maximum load 32 kg (IWB + projector),
• Maximum projector weight 6 kg,
• Projector arm adjusts in the range of 80 cm - 140 cm,
• Gas springs,
• Solid steel construction.

PRODUCT CODE:
up to 32 kg **1MV011** | up to 50 kg **1MV026**

MOBILE REGULATED STAND

PRODUCT DESCRIPTION

• Mobile bracket for Interactive Whiteboards,
• Mobile stand for easy transportation,
• Smooth, manual height adjustment in 40 cm range,
• Universal short-throw projector arm included,
• Maximum load 32 kg (IWB + projector),
• Maximum projector weight 6 kg,
• Projector arm adjusts in the range of 80 cm - 140 cm,
• Gas springs,
• Solid steel construction.

PRODUCT CODE:
up to 32 kg **1MV013** | up to 50 kg **1MV027**

STAND FOR INTERACTIVE WHITEBOARDS

PRODUCT DESCRIPTION

• Mobile bracket for Interactive Whiteboards,
• Mobile stand for easy transportation with plastic castors,
• For boards with height from 120 cm to 137 cm,
• Boards with any width can fit,
• Solid steel construction.

PRODUCT CODE: **1MV009**

INTERACTIVE WHITEBOARD STAND WITH PROJECTOR ARM

PRODUCT DESCRIPTION

• Mobile stand for interactive whiteboards,
• For boards with height from 120 cm - 137 cm,
• Integrated universal projector mount,
• Length of the projector mount arm from 80 cm - 140 cm,
• Width of the board is not limited,
• Mobile stand on plastic castors that can be blocked,
• Solid steel construction.

PRODUCT CODE: **1MV032**

FOR THE DESIRED EFFECT

ACCESORIES
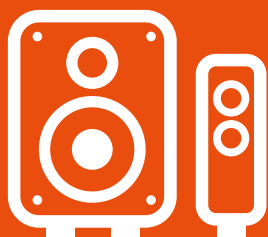
ACCESSORIES

AVTEK SOUNDBAR

Stereo soundbar is perfect for small and medium classrooms and conference rooms, best used to extend sound quality from TVs, Touch Screens, Interactive Whiteboards and computers.

- 2x 18W RMS
- Perfect for any TV, Touch Screen, Interactive Whiteboard or computer
- Wireless Bluetooth connection
- Inputs: Optical, Audio, RCA
- Three sound modes: music, movie and voice
- Remote control
- Wall mount kit included
- Subwoofer output

PRODUCT CODE: **1SVS08**

E-TOWER 3

POWER CONNECTOR

- Possibility to connect 3 power plugs (Type E), max. 250 V, 16 A, max. 3680 W,
- 2 m power cord for easier connection to the existing power network,
- Aluminum, fireproof housing with plastic elements (PC, PA),
- 60 mm diameter makes it a space effective solution,
- Top cover with spring mechanism,
- Hand mounted ring for securing the connector to the table or other furniture,
- Overcurrent and overvoltage protection for higher safety,
- Color: silver.

PRODUCT CODE: **1KV009**

CABLE HDMI

V 1.4 HDMI CABLE

- HDMI cable – the most popular digital standard for video and audio transmission,
- High wire cross sections assures high quality signal,
- Ferrite rings reducing signal noise,
- HDMI v. 1.4 allows transmission of signal with resolution up to 4.096 x 2.160,
- length: 10 m
- Color: black.

PRODUCT CODE: **1KV007**

BAG+

UNIVERSAL PROJECTOR BAG

- Protective 10 mm foam increases the safety of the projector,
- Holds any projector of size up to 270 x 110 x 350 mm,
- Additional, small pocket for remote control inside,
- 2 velcro bars for space organization and content protection,
- External pocket for cables & accessories (290 x 260 mm),
- Comfortable carry handle and removable arm belt,
- Made of durable PVC600D nylon.
- Color: black

PRODUCT CODE: **1AV002**

AVTEK TS CLEANER

Interactive Display surface cleaning detergent. Works great for everyday cleaning of Interactive Flat Panel Displays, touch operated Digital Signage screens, tablets, phones. Wipes grease and small stains from the surface to keep it looking clean and elegant.

PRODUCT CODE: **1TV050**

AVTEK IWB CLEANER

Whiteboard surface cleaning detergent. Works great for everyday cleaning of both whiteboards and interactive whiteboards, removes small stains and dry erase marker prints.

PRODUCT CODE: **1TV049**

AVTEK ERASER

Eraser for whiteboards and interactive whiteboards. It's magnetic, so it sticks to most whiteboards and has replaceable cloth so it's more cost effective.

PRODUCT CODE: **1TV052**

AVTEK MARKER

Dry erase markers for whiteboards and interactive whiteboards. Thanks to four colors user can clearly separate different informations and high quality ink allows quick writing and erasing.

PRODUCT CODE: **1TV048**

WARRANTY

High quality and reliability of all Avtek products is confirmed by **3 years European Warranty** with some exceptions listed in the table below.

Product type	Warranty
Interactive displays	3 years warranty, 2 years for panel and optional computer
Cameras	3 years
Projection screens	3 years
Mounting systems	3 years
Accesories	3 years
Zero client terminals	3 years (optional extension to 5 years)

Interactive whiteboards:

Model	Warranty
TT-BOARD 80	3 years (optional extension to 5 years)
TT-BOARD 80 Pro	3 years (optional extension to 5 years), lifetime warranty for the surface
TT-BOARD 100 Pro	3 years (optional extension to 5 years), lifetime warranty for the surface

INDEX

NOTES

![avtek logo]