

PRODUCT CATALOG



Let's create a story!

ABOUT AVONIC

With over fifteen years of experience in the ProAV field, Avonic is a leading manufacturer of PTZ cameras and has been innovating in the industry to bring unique, high quality audio-visual capture solutions to many hundreds of different applications.

Based in the beautiful city of Delft, the Netherlands, we set ourselves apart by developing products marked by their pristine image quality, outstanding reliability, ease of integration and affordability. Furthermore, we recognize that clients are not merely looking for a bag of camera tricks, but a full support service that will help them to pick the right tool for their application. We are able to guide clients in the purchase decision, installation process, and act as an ongoing support service throughout their video capture activities. It is our quality of service that sets us apart just as much as our innovative product development. We specialize in the provision of PTZ cameras for markets including education, healthcare, worship, video conferencing, webcast studios and webinars. However, we recognize that the limit of PTZ application is only a lack of imagination, and our engineers and support staff pride themselves on the ability to deliver responsive, in-depth and flexible solutions for almost every PTZ application. Whatever story you want to tell, we have a way for you to tell it.

Represented by a worldwide network that stretches across Europe, the Americas, Africa, Australia and Asia, we maintain the warmth of a local company, and the expertise and reach of an international one.

Our DNA

LET'S **PLAY** KEEP **LEARNING**
IN IT FOR THE
LONG RUN
WE'VE GOT
YOUR BACK RESPONSIVE

...and when we're not busy delivering industry-leading innovation and service in the PTZ market? Well, you'll probably find us having a little lego competition in the offices, or wandering the peaceful waterways and cobbled squares of beautiful Delft.

MARKETS



Education



Conferencing



Video Conferencing



Government



Medical



Worship



Webcast



Broadcast

MORE...

VIDEO CONFERENCING

CM22, 4K USB3.0 Huddle Camera with HDMI Output

The Avonic CM22-VCU boasts a 4K, wide angle lens up to 120 degrees FOV that makes sure you can capture all attendees. Its smart automatic and fully user configurable modes guarantee crystal clear video even under the most challenging light conditions. Built in user configurable dual microphones allow for easy audio capture. A true integration product with a discrete design and mount developed for PRO-AV installations. It can be easily mounted either on top of or below a screen for optimal line of sight during a meeting. The mount can be used in combination with modern thin-bezel screens.

Lens	Fixed focus lens with 120° Horizontal Field of View (FOV).
Crystal Clear Image	4K Progressive CMOS sensor 2160P ultraHD.
Output	HDMI and USB3.0 up to 4K30 or 1080p30 on USB 2.0.
Audio	Built-in dual noise-cancelling microphones with 4-meter pickup range.
Control	Control the camera via any UVC based videoconference application or the included IR remote control.
Presets	10 user-definable presets with Digital Pan Tilt and Zoom including startup preset.
Mount	Detachable integration mount with the ability to secure and mount the camera above and below thin-bezel screen.



HIGH SCHOOL GETS HYBRID CLASSROOM WITH CM22 AND PTZ CAMERAS

Hyperion High School in Romania was looking for a hybrid solution in order to meet the Covid-19 restrictions. The setup needed to give a natural experience for the students and should be able to cope with challenging light conditions since they were changing during the day.

What setup was being used?

For this setup our they've used 6 x CM70-IP-B PTZ cameras, 8 x CM22-VCU, 1 x CON300-IP and 8 x AV-UEX150. One pair of classrooms was setup with CM-70-IP-B – USB out to videoconference platform combined with an audio capture solution and a 50" monitor for video return from video

conference for the teacher. In order to cope with social distancing for the students the counterpart classroom has a CM22-VCU with the correspondent laptop for video conference. For controlling the CM70-IP-B they have installed a monitoring room for all the cameras to a single local IP infrastructure in order to switch the camera preposition from the teachers to the blackboard and an overview position. Combined with BlueJeans Meetings which complies with the audio/video setup and security requirements. The only platform that is using Dolby audio. In this case providing the best experience from teacher to its students and the other way around.

A TV-like experience

Bringing the, as we like to call it, "TV-like experience" is becoming the new standard. A teacher giving class to both students who are physically attending and in the back of the room and screens that show those who are participating from home. Getting the teacher to interact with both audiences and also the students to feel involved is the challenge of today's installations.



VIDEO CONFERENCING

CM40 Video Conference Camera Series

The Avonic CM40 Video Conference Camera series exists from high-quality USB video conferencing PTZ camera with a discrete design. The extreme silent cameras obtain pristine video quality even under challenging light conditions. With IP control and plug & play design, these cameras take video conferencing to a higher level.

Low light	High SNR CMOS combined with digital noise reduction, the picture is clear even under low illumination (0.5 lux @ F1.8) conditions.
Full HD 1080p30	With 1/2.8" high-quality CMOS sensor (2.07 Megapixel) the camera has a resolution of 1920 x 1080p30 and achieves a picture of great quality.
Output	USB 2.0 up to 1080p30.
Control	Control the camera with common protocols: VISCA over IP (RJ45), Visca and Pelco-D/P (RS232/RS485) or IR remote control (included).
Presets	Up to 255 presets with 0.1° accuracy.



CM41

Lens High-quality glass lens, 12x optical zoom and 70.4° horizontal field of view.

CM44

Lens High-quality glass lens, 5x optical zoom and 83.7° horizontal field of view.

A FLEXIBLE, MULTIDISCIPLINARY CRYSTAL CLEAR SOLUTION

The all-in-one solution

When seeking new AV solutions to enhance its work in the field of Human Rights research, the National Council for Human Rights (NCHR) looked for a comprehensive suite of high-level solutions which would allow them to record, broadcast and videoconference their activities with a global team of academics and professionals.

High-quality for everyone to use

Core to the solution was the integration of high-quality PTZ cameras which would be able to capture crystal clear footage of the speeches, debates and classes which took place within the main NCHR auditorium. All of the cameras in the Avonic range demonstrate an exceptional level of image quality that ensures client satisfaction every time, bringing high professionalism to the productions of research institutes. The strong interoperability and compatibility offered by Avonic products mean that integrators (and end-users) can be sure they will work effectively with other components of fully bespoke solutions, and can be integrated without undue complication.

The ease-of-use and reliability of Avonic PTZ cameras mean that the end user will not need significant levels of post-installation support, and are thus suitable for use by those with only modest AV experience.

What setup was being used?

The installation covered two meeting rooms and a lunch and meeting space, as well as the main auditorium. The main auditorium added a further layer of complexity, because the room could function either as one large venue, or be subdivided into two smaller rooms. Within the meeting rooms and meeting space, individual CM44 series PTZ cameras were integrated along with Panasonic displays, ceiling microphones and a Biamp Devio collaboration tool, all of which was controlled using a simple touch panel user interface on the table. Internal meetings also made use of AV-over-IP – again demonstrating the flexibility of network type and data transfer offered when Avonic products are integrated into AV solutions.

The National Council for Human Rights (NCHR) is a Norway human rights organization established in 2003 with a mission of **promoting and maintaining human rights** in Norway. The NCHR publishes annual reports concerning the current status of human rights within the country.

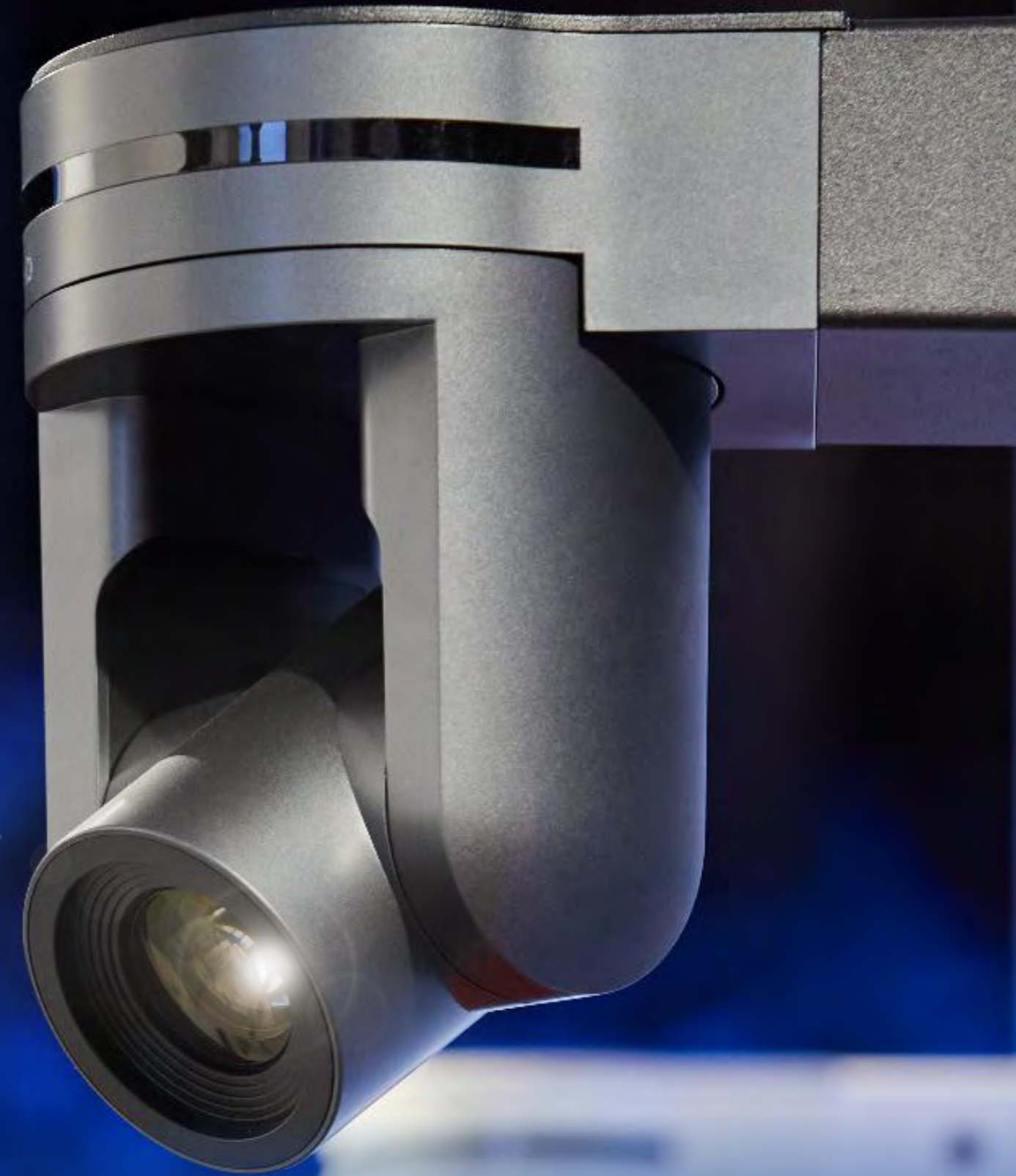


PTZ CAMERAS

High-quality PTZ cameras with endless possibilities

The Avonic CM70 series consists of high-quality PTZ cameras, with concurrent HDMI, 3G-SDI, USB 2.0 and IP stream ethernet outputs. The camera is designed for fixed installations in less than optimal light conditions. The PTZ cameras within the CM70 range include a rich featureset usually found on broadcast-grade cameras, including a user-adjustable Colour Matrix and SRT streaming (licensed premium functions). All with the ability to deliver outstanding quality under low light conditions, thanks to its high SNR CMOS sensor. The sensor delivers Full HD 1080p60 video.

Low light	High SNR CMOS combined with digital noise reduction for a clear picture even under very low light conditions.
Full HD 1080p60	The camera has a Full HD resolution of 1920 x 1080p60 and achieves a pristine image quality.
IP-features	The camera can be powered using PoE (802.3af) and can be accessed by webGUI, controlled by VISCA over IP/ Onvif and stream the video.
DUAL low latency IP-Stream	H265, H264, optional SRT and MJPEG compression at a bitrate up to 40Mbit enabling Full HD video stream by ultra-low latency over RTSP, RTMP, UDP, Unicast and Multicast.
Outputs	3G-SDI, HDMI, USB 2.0 (1080p30) and IP.
Control	Control the camera with common protocols: VISCA, Pelco-D/P via RS232, RS485, IP(VISCA), Onvif or IR. Supports up to 255 presets with 0.1° accuracy and High Speed Pan Tilt function.
Audio embedding	Balanced audio input with embedding into IP stream, SDI and HDMI outputs. Includes configurable audio offset.
Optional Premium features	SRT streaming, Tally light, configurable Color Matrix. License AV-LC70-1 sold separately.



FIXED INSTALLATIONS

Avonic PTZ cameras are specially designed for fixed installations markets including:

Education Medical Large Conferencing Video Conferencing Worship Webcast Broadcast

HIGH-PROFILE EVENT WITH CM70-IP PTZ CAMERAS

Pristine image quality with silent operation

Avonic cameras became a fundamental part of the AV solutions provided for the NATO Military Committee conference. Avonic cameras proved to be ideal for temporary conference installation. The high image quality combined with exceptional usability and easy integration, which is of obvious importance in a temporary installation where setup needs to be achieved quickly and without risk of failure. The installation had cameras placed right in front of delegates, so silent operation and sleek design were also important considerations. The conference saw NATO Chiefs of Defense from across the world meet to discuss key issues of global military strategy and defense. Held at the Grand hotel UNION – Grand Union hall in Ljubljana, a temporary conference installation was required to facilitate communication both within the conference, but also to allow for AV capture and external distribution during and after the event.

What setup was being used?

Five Avonic's CM70-IP PTZ cameras with full IP streaming, POE and IP control were provided. A core principle of Avonic PTZ technology is interoperability, and Avonic products integrate a range of hardware and software connectivity, which can include IP, HDMI, 3G-SDI and CVBS outputs, and control over IP, RS232 or RS485 using any controller with VISCA or PELCO support. This meant that integrating Avonic cameras with the wider Bosch conference system could be done quickly and with a minimum of technical fuss – both on a hardware and software level.

The second key requirement was the ability to exercise complete and precise control over camera movement, using preset values to automate movement and ensure that all details of the conference were recorded smoothly. The five PTZ cameras were designed with exactly this level of automation and presetting in mind, and are fully controllable through third party software systems such as MVI Engineering. With full IP streaming, POE and IP control, the entire setup was achieved over IP, thus reducing cabling clutter and complexity.

CM70-IP ●●

Lens High-quality glass lens, 20x optical zoom and 55.2° horizontal field of view.

CM71-IP ●

Lens High-quality glass lens, 12x optical zoom and 70.4° horizontal field of view.

CM73-IP ●●

Lens High-quality glass lens, 30x optical zoom and 58.9° horizontal field of view.



CM70-NDI

The CM70-NDI is a high-quality PTZ camera with concurrent HDMI, 3G-SDI, USB 2.0 and IP stream ethernet outputs. The CM70-NDI is equipped with high-efficient IP technology called NDI®|HX.

This all-in-one PTZ camera from Avonic allows the move to an all IP infrastructure even for mobile applications. With IP deployment on existing networks all cameras detected within your network become directly available for use without complex configuration. Video, audio, control and power all with PoE connecting your CM70-NDI camera to hundreds of systems, devices and applications that support NDI®.

The CM70-NDI includes a rich feature set known from the CM70 series and has the ability to deliver outstanding quality even under low light conditions. The combination of a high-quality PTZ camera with a protocol that improves every live production give the CM70-NDI endless possibilities.

The CM70-NDI is also capable of receiving and processing PTZ controls over NDI®.

NDI®|HX



CM70-NDI

NDI®|HX

Endless possibilities!



AVONIC

CAMERA LINEUP



CM22



CM41



CM44



CM40



CM60-IP-BOX



CM70-IP



CM71-IP



CM73-IP



CM70-NDI



CM93-IP*

NEW



CM93-NDI*

NDI|HX

NEW

QUICK SPECIFICATIONS OVERVIEW

Resolution	4Kp30	1080p30	1080p30	1080p60	1080p60	1080p60	1080p60	1080p60	1080p60	1080p60	4Kp60	4Kp60
Zoom	8x (digital only)	12x	5x	20x	20x	20x	12x	30x	20x	20x	30x	30x
Horizontal Field of View	120°	70.4° ~ 6.6°	83.7° ~ 20°	57° ~ 3.3°	60.7° ~ 3.36°	60.38° ~ 3.2°	70.4° ~ 6.6°	64.14° ~ 2.55°	55.2° ~ 3.2°	59.2° ~ 1.9°	59.2° ~ 1.9°	59.2° ~ 1.9°
Vertical Field of View	67.5°	42.4° ~ 3.7°	53° ~ 11°	36.5° ~ 1.9°	34.1° ~ 1.89°	35.80° ~ 2.14°	42.4° ~ 3.7°	38.01° ~ 1.48°	42.1° ~ 2.4°	34.6° ~ 1.1°	34.6° ~ 1.1°	34.6° ~ 1.1°
H&V image flip	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimal illumination	0.05 LUX	0.5 LUX	0.5 LUX	0.5 LUX	0.05 LUX	0.05 LUX	0.05 LUX	0.05 LUX	0.05 LUX	0.05 LUX	0.05LUX @F1.6	0.05LUX @F1.6
Pan speed range	-	1.7 ~ 120°/s	1.7 ~ 120°/s	1.7 ~ 120°/s	-	1.7 ~ 120°/s	1.7 ~ 120°/s	1.7 ~ 120°/s	1.7 ~ 120°/s	1.7 ~ 120°/s	0.15° ~ 120° p/sec	0.15° ~ 120° p/sec
Tilt speed range	-	1.7 ~ 70°/s	1.7 ~ 70°/s	1.7 ~ 70°/s	-	1.7 ~ 70°/s	1.7 ~ 70°/s	1.7 ~ 70°/s	1.7 ~ 70°/s	1.7 ~ 70°/s	0.15° ~ 70° p/sec	0.15° ~ 70° p/sec
High Speed PTZ mode, ideal for conferencing	-	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
Power	5V USB	12V Power Adapter	12V Power Adapter	12V Power Adapter	12V Power Adapter	12V & PoE 802.3af	12V & PoE 802.3af	12V & PoE 802.3af	12V & PoE 802.3af	12V & PoE 802.3af	12V & PoE 802.3af	12V & PoE 802.3af
HDR	-	-	-	-	-	-	-	-	-	-	HDR 12-bit up to 4K30	HDR 12-bit up to 4K30
Webinterface with Live Preview	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Presets	Up to 10	Up to 255	Up to 255	Up to 255	Up to 255	Up to 255	Up to 255	Up to 255	Up to 255	Up to 255	up to 255	up to 255
Sensor	4K Progressive CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Panasonic CMOS	Sony CMOS	Sony CMOS

INPUT/OUTPUT INTERFACE

HDMI	HDMI 1.4 (VIDEO ONLY)	-	-	HDMI 1.4	-	HDMI 1.4	HDMI 1.4	HDMI 1.4	HDMI 1.4	HDMI 1.4	HDMI 2.0 up to 4K60	HDMI 2.0 up to 4K60
3G-SDI	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓ (1080p60 max)	✓ (1080p60 max)
USB2.0 Streaming	✓ MAX 1080P30	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
USB3.0 Streaming	✓	-	-	-	-	-	-	-	-	-	-	-
IP Streaming (H.264 & 265)	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Audio Input	-	-	-	✓ (Unbalanced)	✓ (Unbalanced)	✓ (Balanced)	✓ (Balanced)	✓ (Balanced)	✓ (Balanced)	✓ (Balanced)	✓ (Balanced)	✓ (Balanced)

IP PROTOCOLS & SUPPORTED CODECS

H.264	-	-	-	-	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)	✓ (Main, Base and High Profile)
H.265	-	-	-	-	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)	✓ (Main Profile)
HTTP API	-	-	-	-	-	HTTP API	HTTP API	HTTP API	HTTP API	HTTP API	HTTP API	HTTP API
MJPEG	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
NDI-HX	-	-	-	-	-	-	-	-	✓	-	-	✓
ONVIF (Compatible with BOSCH)	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Supported Protocols	-	-	-	-	RTSP, RTMP, UDP, Multicast	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast, NDI-HX	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast, NDI-HX	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast, NDI-HX	RTSP, RTMP, ONVIF, SRT, Multicast, Unicast, NDI-HX
Bitrate range	-	-	-	-	-	64 ~ 40960 Kbps	65 ~ 40960 Kbps	66 ~ 40960 Kbps	67 ~ 40960 Kbps	64 ~ 81920 Kbps	64 ~ 81920 Kbps	64 ~ 81920 Kbps
Tally light control via IP	-	-	-	-	-	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)

FEATURES

Tally light control via IP	-	-	-	-	-	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license) + over NDI	✓ (optional license)	✓ (optional license)	✓ (optional license) + over NDI
SRT Streaming (Encryption and internet distribution)	-	-	-	-	-	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)
User-adjustable Color Matrix	-	-	-	-	-	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)	✓ (optional license)
Configurable, independable PTZ preset speed	-	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
PTZ Control over NDI	-	-	-	-	-	-	-	-	✓ (enable via WebGui)	-	-	✓ (enable via WebGui)
Enable/disable IR receiver	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓

CONTROL & SPECS

Control	UVC, Remote	UVC, Remote, IP, Serial	UVC, Remote, IP, Serial	UVC, Remote, IP, Serial	IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial	UVC, IR remote, IP, Serial
Control Protocol	UVC, IR	VISCA, IR	VISCA, IR	VISCA, IR	VISCA	VISCA, IR, ONVIF, HTTP API	VISCA, IR, ONVIF, HTTP API	VISCA, IR, ONVIF, HTTP API	VISCA, IR, ONVIF, HTTP API	VISCA, IR, ONVIF, HTTP API	VISCA over serial, Visca over IP, IR, ONVIF, HTTP API	VISCA over serial, Visca over IP, IR, ONVIF, HTTP API
Color	Black	Black	Black	Black & White	White	Black & White	White	Black & White	Black & White	Black & White	Black & White	Black & White
Dimensions product	219 x 52 x 61-205 mm (adjustable)	133 x 180 x 153 mm	133 x 180 x 153 mm	240 x 125 x 120 mm	147 x 78 x 60 mm	133 x 180 x 153 mm	133 x 180 x 153 mm	133 x 180 x 153 mm	133 x 180 x 153 mm	133 x 180 x 153 mm	166 x 225 x 186 mm	166 x 225 x 186 mm
Weight product	0,5 kgs	1,6 kgs	1,6 kgs	1,6 kgs	0,65 kgs	1,6 kgs	1,6 kgs	1,6 kgs	1,6 kgs	1,6 kgs	2 kgs	2 kgs



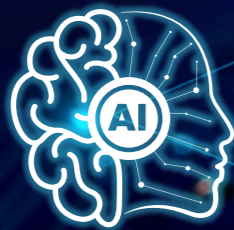
CamDirector®

Teacher Tracker Software

Avonic's CamDirector® Teacher Tracker is a **unique** tracking solution that creates automatic multi camera video registrations of lectures.



Plug & Play



AI Powered



TV-like experience



Privacy



All room sizes
up to 55 meters



Over-the-air
updates

CamDirector® Teacher Tracker Software

Avonic's CamDirector® Teacher Tracker is a unique tracking solution that creates automatic multi camera video registrations of lectures. It can automatically find the teacher in a room with students and provides elegant close-ups of the teacher, even in large lecture halls and auditoriums.

The live video output automatically switches between overview shots of the classroom and close-ups of the teacher. With the CamDirector® Teacher Tracker Software Avonic sets the new standard for automated lecture recordings.



FEATURES



Hassle-free lectures

The system runs automatically when a lecture starts without the need to wear distracting equipment. Let teachers focus on teaching instead of technology.



Consistent and accurate tracking

By harnessing the strength of the two-camera approach, the CamDirector® 99% of the time provides an accurate and consistent tracking solution.



Privacy Guaranteed

The CamDirector® Teacher Tracker is built around privacy. All image processing is done locally without the need to be connected to the internet. We give you the tools to set privacy settings according to your own standards.



An ever-evolving AI solution

Avonic's patented machine learning algorithms let the teacher tracker improve over time by learning from every lecture it records.

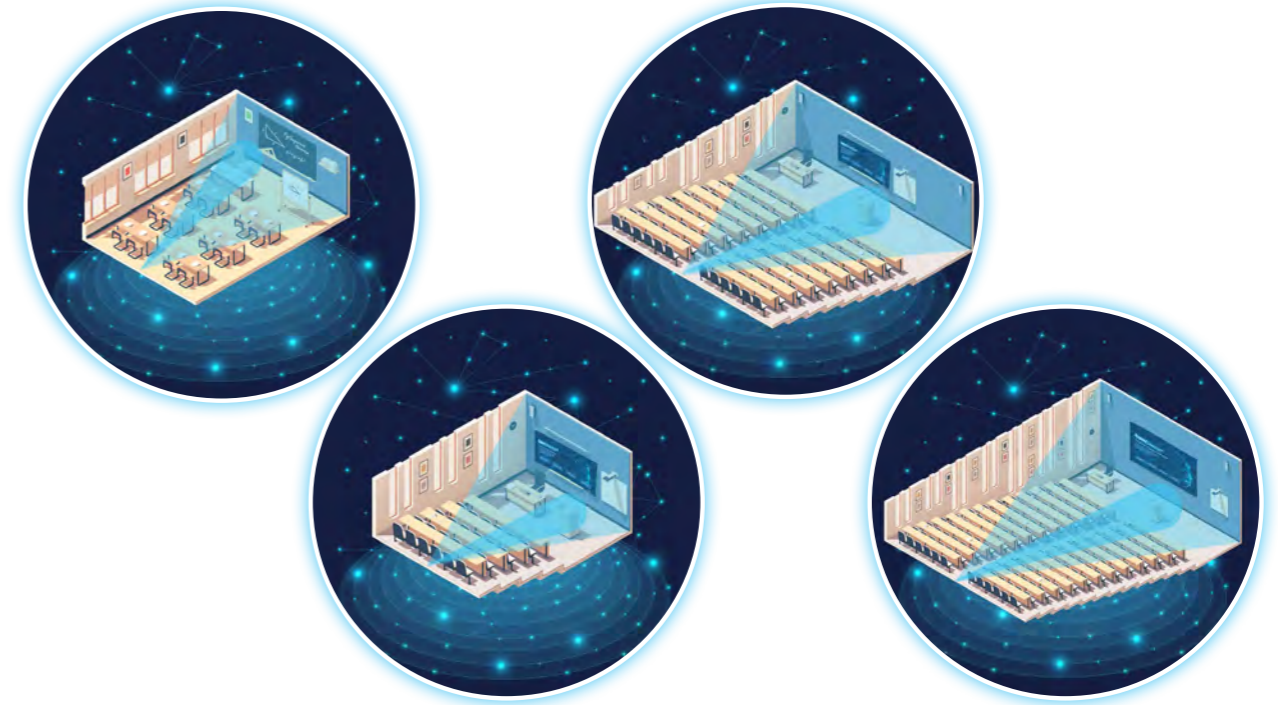


Track and Switch TV-like experience

CamDirector® Teacher Tracker's close-up camera follows the teacher's movement in a calm and natural way, while the overview camera provides shots of the room to give the viewers the experience of being present.

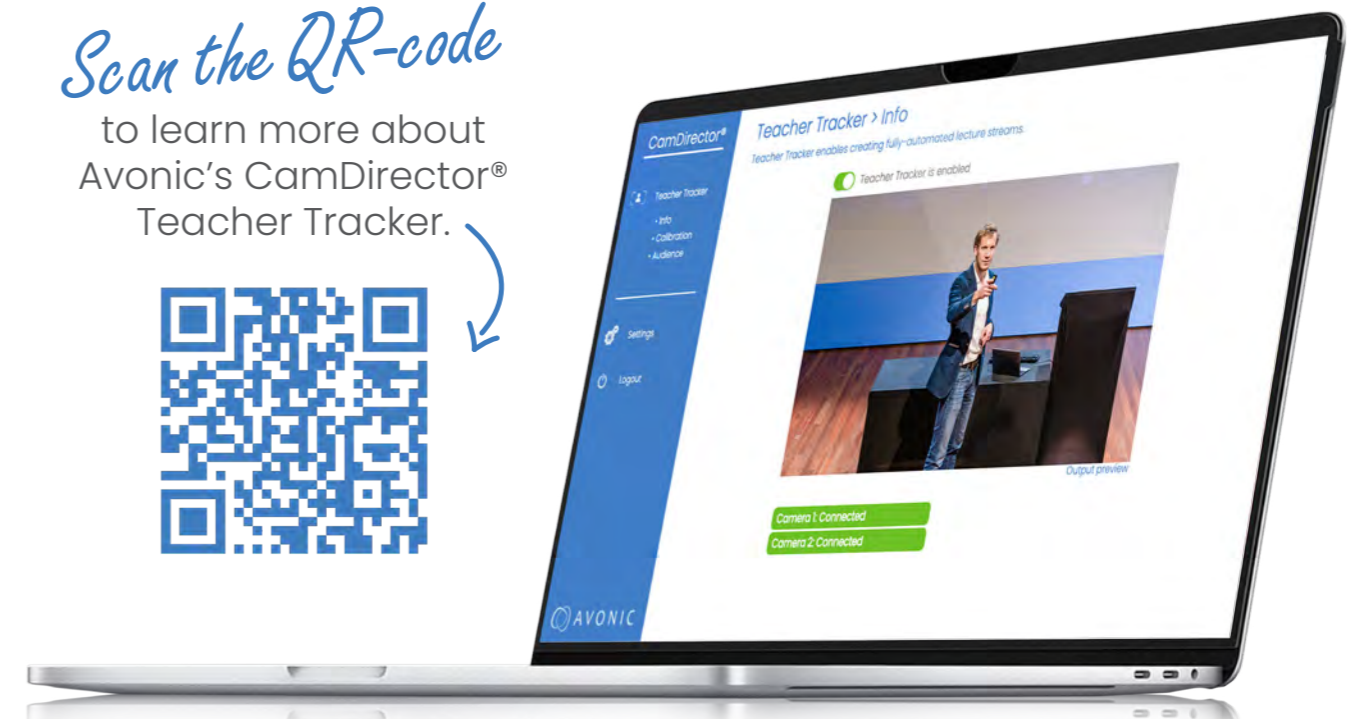
From small classrooms to large auditoria

The CamDirector® Teacher Tracker supports perfect tracking of a presenter even in the largest lecture halls and auditoriums up to a distance of 55 meters.



Scan the QR-code

to learn more about Avonic's CamDirector® Teacher Tracker.



CONTROLLERS

CON100: Avonic PTZ Camera Controller

The Avonic CM-CON100 is a compact PTZ camera controller. With this controller it is possible to control up to 255 camera's and using up to 255 presets.

The controller supports the Visca, Pelco-D and Pelco-P protocol and can be connected with RS232/485. The Avonic CM-CON100 is there fore compatible with the Avonic cameras as well with other brands that supports these protocols. Switch easily between auto and manual focus, save and load presets, and connect multiple controllers to multiple cameras.

Number of presets:

With this compact controller, it is possible to control up to 255 cameras and use up to 255 presets.

Connection:

Easy to connect with RS232 , RS485.

Control:

Every setting of the camera can be controlled by accessing the OSD of the camera through the controller. Directly control the camera's Pan, Tilt, Zoom and Focus.

CON300-IP: Avonic IP PTZ Camera Controller

The Avonic AV-CON300-IP is an advanced IP PTZ camera controller and compatible with the Avonic cameras as well with other brands that supports VISCA, Visca over IP, Pelco-D and Pelco-P protocols.

Switch easily between auto and manual focus, Aperture and white balance settings, save and recall presets and connect multiple controllers to multiple cameras.

Number of presets:

With this controller it is possible to control up to 255 cameras and up to 10 presets per camera.

Connection:

The CON300-IP controller supports the VISCA, Visca over IP, Pelco-D and Pelco-P protocol and can be connected to RS232/485 or via LAN ethernet connection.

Control:

This controller gives you direct control over the most important camera settings like Pan, Tilt, Zoom. But also PTZ speed, Focus, Iris, Brightness, White Balance and R/B color correction can be controlled easily. Access all other settings of the camera easily through the OSD of the camera using the controller.





MOUNTS

MT200: **Wall Mount for CM40- and CM70-series**

The Avonic MT200-B is a solid wall mount suitable for the CM40 and CM70 series. Its discrete design matches the silent operation of Avonic PTZ cameras.

Accessories include a heavy-duty 30mm steel ring specifically designed to mount the MT-200 on a truss clamp. Available in black and white to match our PTZ cameras.



MT250: **Ceiling Mount for CM40 and CM70-series**

The Avonic MT250-W is a solid ceiling mount suitable for the CM40 and CM70 series. Its discrete design matches the silent operation of Avonic PTZ cameras. The MT250 is equipped with two VESA75 mounting possibilities. The double VESA75 holes serve a dual purpose; it ensures optimal compatibility with standard VESA mounts and it makes finding a suitable ceiling location to mount the MT250 easy. When mounted to the ceiling, the clever MT250 design allows to have your hands free for easy installation of the camera.

MT220: **Wall Mount for two CM40- and CM70-series**

The Avonic MT220 Double Wall Mount is a solid wall mount suitable for the support of two CM40 or CM70 series PTZ cameras. Its discrete design matches the silent operation of Avonic PTZ cameras. The double wall mount is a beautiful extension that not only ensures great and safe support of the PTZ cameras but also allows for all the cables to be hidden inside the mount.

Accessories include a heavy-duty 30mm steel ring specifically designed to mount the MT-220 on a truss clamp. For mobile applications the MT220-W can be mounted in a flight case or installed on a tripod. Also available in black to match our black PTZ cameras.



RECORDERS, CONVERTERS & EXTENDERS

REC200: Recorder & Encoder

The Avonic AV-REC200 is the ideal standalone USB/ SD Card recorder and web/streaming device. Users can simply connect an HDMI or SD/ HD-SDI input and in a few simple steps, they will be streaming and/or recording. With support for UDP/HLS/RTMP/RTSP live output and USB/SD card recording the REC200 it enables corporate streaming, live streaming to various platforms and live high bitrate full HD 1080P60 recording. A simple to use webinterface and IP control enable ease of use and full integration with 3rd party control systems.

Inputs: HDMI, 3G-SDI

Outputs: HDMI Out, USB storage, SD-card storage, RTSP via RJ45

UEX150: USB 2.0 extender

The Avonic AV-UEX150 is a convenient USB 2.0 Extender over CAT6a S/FTP cabling. The set exists of a transmitter and a receiver which is powered by the provided power supply. The small form factor allows for easy integration. This extender kit supports the full 480Mbps which is required for 1080p30 video over USB 2.0. Cameras and speakerphones over a minimum distance of 5 meters and a maximum of 50 meters are supported. The UEX-150 is plug & play and does not require any additional drivers.

Inputs: HDMI

Outputs: USB3.0

CAP100: Capture Device HDMI to USB3.0

The Avonic CAP100 is a HDMI to USB 3.0 converter, capable of capturing an HDMI source in 1080p 60fps resolution. The CAP100 is a quick, high-quality solution that converts any HDMI signal to USB 3.0. The CAP100 is compatible with the UVC and UAC standards. It's recognized by the computer as a video input without the need for installing additional drivers. The CAP100 captures uncompressed video with audio from an HDMI stream, ideal for quickly setting up a high quality recording, stream or video conference. Compatible with Windows, macOS and Linux operating systems.

Extension: Extend > 50 meters over Cat6a S/FTP.

USB Compliance: Full USB 2.0 480Mbps compliant.

Plug and Play: Does not require any drivers.

Extra USB port: Easy files haring of USB thumbdrives (no HDD), KVM applications or connection of an USB 2.0 Speaker/microphone.

CV150: Converter 3G-SDI to HDMI

The Avonic AV-CV150 converts SD-SDI, HD-SDI and 3G-SDI signals to HDMI, while ensuring a fast signal transmission without any loss.

Resolutions up to 1080p60 are supported.

Thanks to the loop-through 3G-SDI design it is not only a converter, but also a splitter.

Inputs: 3G-SDI

Outputs: HDMI, 3G-SDI



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