WOLFVISION®

Product Line

new

new

Driving the Creation of Knowledge

Our Vision

When you've got something to say, we believe it is important that getting your message across and making an impact should be as easy as possible.

Our aim is to help you to explain it better, to give you the freedom to share your knowledge with others - however you want, and whenever you want, when your audience is in the same room or on the other side of the world.

**Because knowledge matters -
to all of us.**

Better Communication, Greater Collaboration

The Leading Provider of Presentation Products and Services
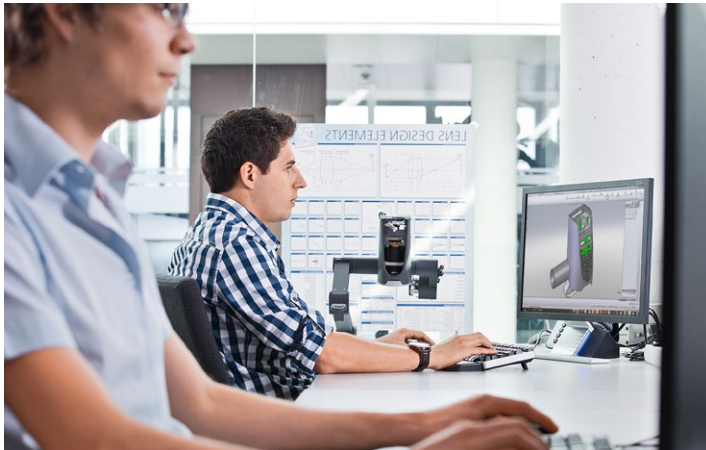
WolfVision is a worldwide provider of products and services to leading universities, businesses, schools, and other organizations. An acknowledged 'technology leader' in the Visualizer and presentation solutions market, WolfVision is the company that takes the lead, setting standards worldwide for innovative, reliable, user-friendly, high performance presentation solutions.

With more than 40 years experience in the presentation technology market, our extensive knowledge and expertise across all application sectors enables us to offer comprehensive consultative guidance on customized combinations of Visualizer hardware, software, and accessories, which enhance communication, collaboration, and knowledge sharing across all environments. As part of each individual ✓Solution we offer not only pre-sales advice, but also post-sales support, training, and service, ensuring that you receive maximum benefit from your investment.

Naturally Green
www.wolfvision.com/green

TÜV NORD — TÜV NORD CERT GmbH — ISO 50001
TÜV NORD — TÜV NORD CERT GmbH — DIN EN ISO 14001
TÜV NORD — TÜV NORD CERT GmbH — DIN EN ISO 9001

More details at:
www.wolfvision.com

Powerful Presentations

Studies show that presentations made with a Visualizer dramatically increase learning success, because visual presentation of information is the most effective way to transfer knowledge. Using a Visualizer captures and maintains the audience's attention because of the 'live' element onscreen - imagine the benefit of being able to watch a movie instead of just looking at a series of still photographs!

	Presentation without visuals	Presentation with Flip Chart	Presentation with PowerPoint	Presentation with Visualizer	Presentation with Visualizer and PP/Videos
Learning success (ability to remember what's important)	*	**	**	****	*****
Attention from audience	*	**	**	****	*****
Engagement factor	*	***	*	*****	*****
Possibility to instantly display objects from the audience	-	**	*	****	*****
Average preparation time (for the presenter)	-	30 minutes	120 minutes	10 minutes	90 minutes
Flexibility (to make changes during the presentation)	*****	**	**	*****	*****
Professional appearance (of the presentation)	*	**	****	****	*****

More information on "Improve your presentation with a Visualizer" at: www.wolfvision.com/presentations

More Effective Communication & Collaboration

WolfVision offers the most comprehensive range of both Desktop and Ceiling Visualizers available - whether the requirement is for intuitive, high quality Visualizer imaging or for a fully featured multimedia presentation system, our flexible solutions provide powerful imaging performance for every situation:

High Quality Imaging
WolfVision Visualizers can always be relied on to deliver unrivalled picture quality.

Cloud Storage
Choose a WolfVision Visualizer with wireless connectivity, in combination with vSolution Connect for iPad to provide for easy uploading and downloading of materials.

Stereoscopic 3D
WolfVision offers the possibility to add an extra dimension to professional presentations.

Rotating Camera Head
Rotating the Visualizer camera head on its stable mounting arm enables any part of the room to be easily recorded.

Bring Your Own Device
Use your own personal devices in combination with a WolfVision Visualizer during presentations and lectures.

Streaming & Sharing
Seamlessly connect and share information with your audience - wherever they are in the world!

HD Recording with Audio
Our HD recording Visualizers make it easier than ever before to record and share entire presentations and lectures.

Dry-Erase Working Surfaces
With this optional accessory, an integrated whiteboard for making notes and annotations is always available.

Multimedia Integration
WolfVision makes it very easy to combine 'live' Visualizer material together with other materials during presentations.

Easy to Use
Our unique and innovative presentation solutions are always intuitive and easy to use.

Built-in FTP-Client
Some WolfVision Visualizers enable videos and pictures to be either automatically or manually uploaded directly to an FTP server if required.

Firmware Updates
New features, and technical improvements are added regularly via firmware updates, helping to extend the life of your investment.

Security
WolfVision Visualizers and cameras have practical and effective security features you can depend on.

Naturally Green
WolfVision Visualizers and cameras are designed to have minimum impact on the environment.

Impressive Presentations

Meetings and Conferences

A Visualizer enables a presenter to translate ideas into convincing interactive presentations, spontaneously and naturally, and to engage and communicate with an audience in a manner that is more effective than any other presentation method.

Education & Training

WolfVision Visualizers support the skills and efforts of educators in communicating and making a meaningful connection with the student audience, creating vivid learning experiences that leave a lasting impression.


Videoconferencing & Telepresence

When products, designs, prototypes and plans etc. need to be shown and discussed, a WolfVision Visualizer is the perfect collaboration tool. It is also ideal for making notes and sketches, eliminating the need for a flip chart or whiteboard.

Healthcare

WolfVision Visualizers are extremely easy to use, allowing health professionals to concentrate on what is most vital to them - the treatment and care of patients.
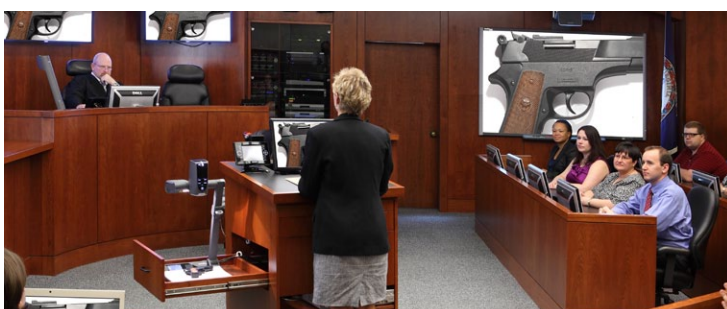
Courtroom & Legal

WolfVision Visualizers enable crime weapons, documents from expert witnesses, x-rays, or forensic evidence to be easily shown to all participants, in fine detail, without any interruption to court proceedings.

Outstanding Imaging Performance

WolfVision Visualizers are well-known for their unrivalled imaging quality, which is due to the perfect combination of high quality components and remarkable expertise. Our Visualizers deliver high resolution throughout the entire picture, true-to-life colors, and consistently high frame rates to ensure smoothness of motion. They have fast and accurate autofocus and zooming, giving high quality dependable results every time! High end lenses provide distortion-free images, and high tech lighting systems deliver smooth and consistent lighting without distracting reflections or hot spots.

WolfVision's state-of-the-art YSOP1 image processing engine enables the fast and efficient processing of high volumes of data ensuring the consistent real-time display of impressive high definition pictures with unsurpassed levels of accuracy and detail.

High End Optics
Large premium quality lenses provide unrivalled imaging performance.

Image Sensor
WolfVision's high resolution image sensors ensure the capture of image data of the highest quality.
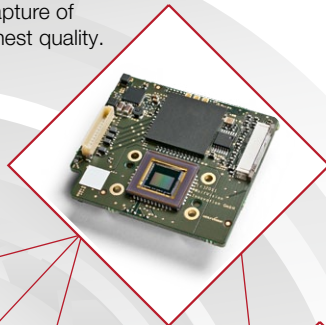
Software (Firmware)
Sophisticated software maximises the hardware potential to guarantee excellent picture quality.
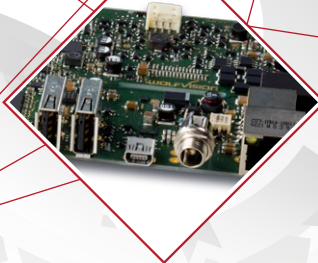
Electronic Hardware
High quality components deliver high performance, stability, and reliability.

Light System
A high-brightness LED lamp with low power consumption provides smooth and consistent lighting for accurate color reproduction.

Freedom to Present

A Visualizer is the most flexible presentation tool of our times. It picks up any kind of material quickly and easily, and provides a high resolution output signal for projectors, monitors, interactive whiteboards, or videoconferencing systems. You can display anything you like, spontaneously at any time, and without the need for lengthy preparation in advance.
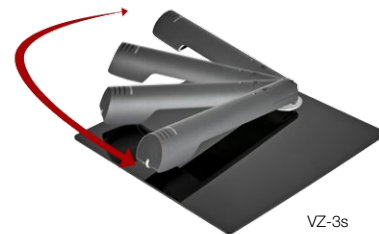
√Solution

Comprehensive,
flexible, user-friendly
and future-proof

Desktop Visualizers

VZ-3 Series

Our award-winning VZ-3 and VZ-3s Visualizers feature a unique eye-catching design, where the camera, light system and electronic hardware are all integrated into the Visualizer arm. The VZ-3 is a highly compact and portable unit which can easily be used to serve a number of different rooms. The VZ-3s is the exact same unit, but it is supplied without a working surface. It is designed to be used as a fixed installed unit, and features a space-saving 'swivel plate' which attaches directly to a tabletop or podium surface.

reddot design award
winner 2012

VZ-3

VZ-3s

VZ-8 Series

The fourth generation VZ-8light includes an impressive range of standard features, including 14x optical zoom, native 1080p HD resolution, high speed autofocus and HDMI output. The Visualizer VZ-8plus[4] comes in the same housing, but has many additional features - such as a Live Preview Monitor and H.264 video streaming via LAN - the VZ-8plus[4] also features a frame rate of 60fps, allowing for smoother motion and faster autofocus than ever before.

reddot design award
winner 2013

reddot design award
winner 2013

VZ-8plus[4]

VZ-8light[4]

VZ-9.4 Series

The latest VZ-9.4 Series Visualizers transform the way multimedia presentation content is handled. The VZ-9.4F and VZ-9.4L Visualizers come with integrated WLAN and audio, and both models are fully featured multimedia recording devices, with onboard HD recording functionality that allows complete multimedia presentations to be recorded. The VZ-9.4F features native 1080p HD resolution at a frame rate of up to 60fps, and the VZ-9.4L comes with a native WXGA / 720p HD camera at 30fps - and Synchronized Lasermarkers for easier positioning of objects.

reddot design award
best of the best 2010

new

VZ-9.4L

reddot design award
best of the best 2010

new

VZ-9.4F

VZ-P Series

WolfVision P Series Visualizers use state-of-the-art Visualizer technology to deliver ultimate imaging performance. A Synchronized Lightfield allows for easy positioning of display materials, and they are the number one choice of Desktop Visualizer when high precision imaging of objects is required - with the highest possible level of color accuracy, shadow-free illumination, and maximum depth of focus.

VZ-P18 / VZ-P38

"Our faculty and students demand state-of-the art technology. That's why we have outfitted 95% of our learning spaces with WolfVision Visualizers."

Dr. James P. Frazee
Senior Academic Technology Officer, San Diego State University, USA

Ceiling Visualizers & Cameras

WolfVision's Ceiling Visualizers can be integrated into a suspended ceiling or mounted on the ceiling just like a projector. The speaker's workspace remains free of technical equipment - nothing to obstruct the view between a speaker and the audience during a presentation, and larger items can be displayed than with a Desktop Visualizer. Our unique Synchronized Lightfield highlights and illuminates the pick-up area - showing exactly where to place display materials, and when zooming in and out, the size of the lightfield adjusts automatically.

VZ-C6 Series

The VZ-C6 Ceiling Visualizer features native 1080p HD resolution at 30 frames per second, a Synchronized Lightfield for easy positioning of objects, 12x optical and 4x digital zoom, integrated WLAN, and 8GB internal memory. It is the first model in WolfVision's Ceiling Visualizer product line to feature onboard HD video recording.

new

reddot design award
winner 2013

VZ-C6

Live Image Cameras

EYE-10 and EYE-12 are high resolution live image cameras which can be used for various live image presentation applications, and they can also be used as an alternative to a Ceiling Visualizer. Although the EYE-series cameras do not come with their own light system, room lighting or a spotlight for the working surface can be used.

VZ-C12 / VZ-C32 Series

The VZ-C12³ and VZ-C32³ Visualizers feature 1-CCD and 3-CCD cameras respectively, and their telezoom lenses offer great flexibility in installation height. 3-CCD cameras deliver 100% colour accuracy and are advantageous for applications where absolute color accuracy is a vital requirement.

VZ-C12³ / VZ-C32³

EYE-10 / EYE-12

VZ-C6

Bringing Reality Closer

WolfVision's VZ-C3D is the world's only LIVE 3D presentation solution. This ceiling mounted, stereoscopic 3D Visualizer features two high precision lenses and an onboard mixer which enables 'live' HD 3D images to be viewed in real-time with any 3D enabled display. Just like WolfVision's other Ceiling Visualizers, the VZ-C3D also features WolfVision's Synchronized Lightfield for easy and intuitive positioning of objects.

3D Visualizer Series

The VZ-C3D can be used for an increasing number of 3D applications such as videoconferencing, telepresence, medical, telemedical, product design, engineering, science, education and many more.

• Outstanding 3D image quality enhances any presentation, lecture or training session

• Educational and training materials are more realistic and engaging

• Complex objects are more easily explained

• In videoconferencing and telepresence applications, 3D imaging increases the immersive experience for participants

• The additional visual depth information is of great benefit in critical medical, telemedical, product design, and engineering applications

• Corporate presentations and product launches are more impressive and have greater impact

new

reddot design award
winner 2013

VZ-C3D

Recording Made Easy

HD Video Recording

WolfVision's VZ-C6 and VZ-9.4 Series Visualizers feature onboard recording functionality that allows entire presentations and lectures to be captured in exceptional quality, including the audio. They offer the quickest and easiest solution for in-house production of training videos or lecture capture.

These Visualizers provide an 'all-in-one HD recording solution'. The easy-to-use interface requires no advanced technical knowledge, and using the pause button allows multiple segments of a presentation to be recorded and saved as a single file, eliminating the need for subsequent editing and time-consuming post-production.

Creating Unique Multimedia Presentations

The recording functionality of the VZ-9.4 Series and VZ-C6 Visualizers is not limited to the Visualizer's own camera. External content such as PowerPoint, digital images, webpages, PDF's, etc. from a PC or tablet connected to one of the Visualizer's HDMI In ports can be easily recorded together with voiceover audio in 720p HD resolution with a frame rate of up to 30 fps.

Flexible Memory Options

Recorded videos and pictures can be saved to the 8GB Visualizer internal memory which has enough capacity to store thousands of images, or an average of 10 hours of video footage (depending on the content). Alternatively USB sticks or external hard drives can also be used to provide additional storage space if required.

H.264 / AVI
Compatible with Windows, iOS, Android, Linux etc.

Bring Your Own Device

√Solution Connect for iPad

Sync your WolfVision Visualizer with vSolution Connect, our powerful, innovative app for iPad with a full multimedia control dashboard. This unique app allows all media types to be integrated and controlled from a single device, where materials stored either locally on the iPad or in Dropbox can be added seamlessly into presentations.

The easy-to-use recording functionality of vSolution Connect also enables entire presentations including any external content, to be recorded, and saved to the iPad's memory. A Live Image Preview shows exactly what the audience sees onscreen at all times and wireless connectivity allows presentations or lectures to be delivered from anywhere in the room.

The annotation feature is ideal for making notes, sketching, and highlighting documents, charts, and pictures. A dedicated whiteboard function also provides a separate space for making and displaying notes onscreen during a presentation.

Transforming Presentations

√Solution Control for Smartphones

The vSolution Control App enables WolfVision Visualizers to connect to an iPhone, Windows 8, Windows Phone 8 or Android device via WLAN. This intuitive and easy to use app allows presenters to use the device keypad and Live Image Preview to control a presentation or lecture wirelessly whilst moving freely around a room.

Windows Phone | Available on the App Store | ANDROID APP ON Google play
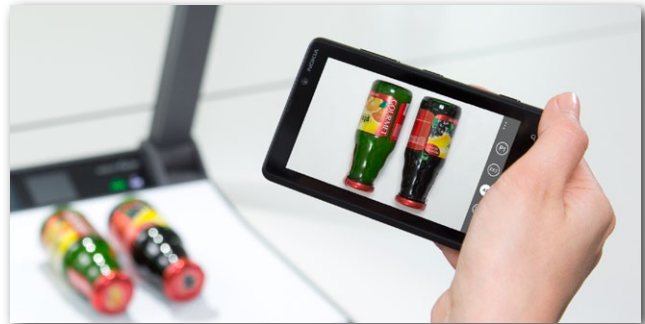
√Solution Link for PC and Mac

vSolution Link allows a user to connect a computer directly to a Visualizer. The software allows for saving, printing and emailing of images, recording of videos, adding annotations and video streaming. It also provides useful tools for automatically applying Visualizer firmware updates, allowing new features and technical improvements to be added at no cost!
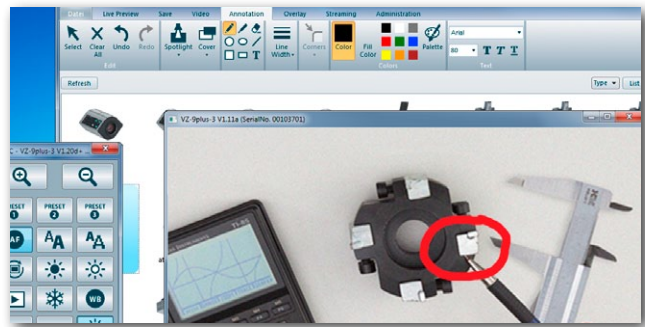
	📱	🍎	💻
Fast Multimedia Source Switching	✓	✓	✓
Visualizer Remote Control	✓	✓	✓
Live Image Preview	✓	✓	✓
Image Snapshot	✓	✓	✓
Video Recording with Audio	✗	✓	✓
Image Annotation	✗	✓	✓
Live Web Streaming	✗	✗	✓
Access to Web-based Material	✗	✓	✓
Display Content From Device	✗	✓	✓
Multiple Source Preview	✗	✓	✗

More features available in future releases!

Feature Packs and Optional Accessories

WolfVision offers a wide range of accessories and Feature Packs that provide extra useful functionality. They also give the opportunity to customize individual units, enabling them to be tailored closely to their intended application. The following are some of the most popular choices:

Remote Pack (VZ-8light[4])

The Remote feature pack for the VZ-8light[4] is a useful upgrade for this popular model. In addition to an infrared remote control, this firmware upgrade also activates the 9 image internal memory, seamless cross-fading between image sources, a Picture-in-Picture comparison feature, and the USB host port (USB memory sticks can be used).

Dry-Erase Working Surfaces

Self-adhesive dry-erase working surfaces are available as optional accessory items for our Visualizers. Once fixed to the working surface you can easily write and erase, using suitable whiteboard markers and erasers.

BYOD Pack (VZ-8light[4], VZ-8plus[4])

This feature pack provides a WLAN stick and firmware upgrade that allows VZ-8light[4] and VZ-8plus[4] Visualizers to be used with the vSolution Connect for iPad software.

EYE Series Mounting Kit

The EYE Series Mounting Kit includes a tile bridge and all fixings necessary to mount an EYE Camera in either a suspended ceiling or sheetrock type installation.

Further details and more accessories at:
www.wolfvision.com/accessories

Product Line Specifications

	Desktop Visualizers								Ceiling Visualizers				Live Image Cameras	
	VZ-3	VZ-3s	VZ-8light[4]	VZ-8plus[4]	NEW VZ-9.4F	NEW VZ-9.4L	VZ-P18	VZ-P38	NEW VZ-C6	VZ-C12[3]	VZ-C32[3]	NEW VZ-C3D	EYE-10	EYE-12
Camera	1-CCD	1-CCD	1-CMOS	1-CMOS	1-CMOS	1-CCD	1-CCD	3-CCD	1-CMOS	1-CCD	3-CCD	2-CMOS	1-CCD	1-CCD
2D / 3D imaging	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	3D + 2D	2D	2D
Horizontal resolution (lines)	710	710	980	980	980	860	820	1200	980	820	1200	980	640	820
Frames per second	30	30	30	60	60	30	30	30	30	30	30	30	30	30
Effective megapixels per second	36.8	36.8	62.2	124.4	124.4	36.8	36.8	110.6	62.2	36.8	110.6	124.4	23.6	36.8
Native pixels of camera sensor	1280x 960	1280x 960	1920x 1080	1920x 1080	1920x 1080	1280x 960	1280x 960	1280x 960	1920x 1080	1280x 960	1280x 960	1080pHD in 3D	1024x 768	1280x 960
vSolution Connect compatible	-	-	optional	optional	●	●	-	-	●	-	-	-	-	-
vSolution Control compatible (with external WLAN infrastructure)	●	●	●	●	●	●	●	●	●	●	●	●	-	●
vSolution Link compatible	●	●	●	●	●	●	●	●	●	●	●	●	●	●
UVC Driver for Windows, Linux, and OS X (Mac)	-	-	●	●	●	●	-	-	●	-	-	-	-	-
Firmware upgradable	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Easy positioning of objects with "Synchronized Lightfield"	-	-	-	-	-	-	-	-	●	●	●	●	-	-
Easy positioning of objects with "Synchronized Lasermarkers"	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Built-in LCD preview monitor	-	-	-	●	●	●	●	●	-	-	-	-	-	-
Live to Freeze comparison (on two displays or picture in picture)	-	-	optional	●	●	●	●	●	●	●	●	-	-	-
Lens type (wide angle or tele zoom)	wide	wide	wide	wide	wide	wide	tele	tele	wide	tele	tele	wide	wide	wide
Optical zoom factor	12x	12x	14x	14x	16x	16x	16x	16x	12x	16x	16x	15x	12x	12x
Digital zoom factor	2x	2x	2x	2x	4x	4x	4x	4x	4x	4x	4x	4x	2x	4x
High Speed Autofocus + Manual focus	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Manual iris	-	-	optional	●	●	●	●	●	●	●	●	●	●	●
Shadow free illumination / Illumination of hollow objects	-	-	-	-	-	-	●	●	●	●	●	●	-	-
Tilt range of camera to audience / to speaker	-	-	100/120° (220°)	100/120° (220°)	180/110° (290°)	180/110° (290°)	75/30° (105°)	75/30° (105°)	-	-	-	-	-	-
Motorized top mirror (for scrolling with remote control)	-	-	-	-	-	-	●	●	-	-	-	-	-	-
User programmable presets	-	-	1 (or 3 optional)	3	3	3	3	3	3	3	3	3	3	3
Special working surface for transparencies	●	-	●	●	●	●	●	●	optional	●	●	optional	optional	optional
Dry-erase working surface	optional	optional	optional	optional	optional	optional	-	-	optional	optional	optional	optional	optional	optional
Computer input / Input switch	VGA	VGA	HDMI	HDMI	2x HDMI	2x HDMI	VGA	VGA	HDMI	VGA	VGA	-	-	-
Seamless switch with fading effects	-	-	optional	●	●	●	●	●	●	●	●	-	-	-
WolfVision image processing engine YSOP1	-	-	●	●	●	●	-	-	●	-	-	●	-	-
Image memory	1 image	1 image	1 image (or 9 + USB optional)	9 images + USB stick	8GB internal + USB-stick	8GB internal + USB stick	9 images + USB-stick	9 images + USB-stick	8GB internal + USB stick	9 images + USB-stick	9 images + USB-stick	-	4 images	9 images
Digital image output	DVI	DVI	HDMI	HDMI	HDMI	HDMI	DVI	DVI	HDMI	DVI	DVI	HDMI	-	DVI
Analog image output	VGA	VGA	VGA	VGA	VGA	VGA	VGA	VGA	VGA	VGA	VGA	-	VGA	VGA
USB 2.0 Device port	●	●	●	●	●	●	●	●	●	●	●	-	-	●
USB 2.0 Host port	-	-	optional	●	●	●	●	●	●	●	●	-	-	-
RS232 port	-	-	via adaptor	via adaptor	via adaptor	via adaptor	●	●	via adaptor	●	●	-	●	●
Ethernet (LAN) port	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Unicast/Multicast streaming	-	-	-	●	●	●	●	●	●	●	●	●	-	●
WLAN (Dual band stick included for 2.4GHz and 5GHz)	-	-	optional	optional	●	●	-	-	●	-	-	-	-	-
Onboard video recording, including audio	-	-	-	-	●	●	-	-	●	-	-	-	-	-
Built-in microphone	-	-	-	-	●	●	-	-	-	-	-	-	-	-
Audio Line in /Line out	-	-	-	-	●	●	-	-	●	-	-	-	-	-
Remote Control (with laserpointer)	-	-	optional Infrared	Infrared	Infrared	Infrared	RF/ Touch screen	RF/ Touch Screen	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Warranty (in years)	5	5	5	5	5	5	5	5	5	5	5	5	5	5

All units made in Austria, Europe. *Design and specifications subject to change!*

Learn more about WolfVision √Solution

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Please contact a WolfVision representative for more information, and experience the powerful imaging performance, versatility, and usability of our flexible solutions for enhanced communication, collaboration, and knowledge sharing across all environments.

Your WolfVision dealer:

More information:

WOLFVISION®
www.wolfvision.com