

EYE-14 Camera System



Driving Knowledge Creation

EYE-14 Live Image Camera System



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.

The EYE-14 is a powerful HD Live Image Camera system that gives outstanding results, whether used as a Ceiling Visualizer (without light), or when mounted on a tripod, pan-tilt zoom or wall mount designed for video or surveillance cameras. For ceiling use, this unit can either be mounted directly onto the ceiling or integrated into a suspended ceiling.

Our extensive knowledge and expertise across all application sectors enables us to offer comprehensive consultative guidance on customized combinations of Visualizer and camera hardware, software, and accessories, which enhance communication, collaboration, and knowledge sharing across all environments. As part of each individual vSolution we offer not only pre-sales advice, but also post-sales support, training and service, ensuring that you receive maximum benefit from your investment.



CIRCULAR ORBITS

$$F_c = \frac{mv^2}{r} = \frac{GMm}{r^2} = F_g$$

$$v^2 = \frac{GM}{r} = \left(\frac{2\pi r}{p}\right)^2$$

$$p^2 = \left[\frac{4\pi^2}{G}\right] \frac{a^3}{M}$$

NVK3L = Weigh the universe !!

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 and collaborate 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.**



Key Features



Center Lasermarker for Easy Positioning of Objects

A small dot of laser light, projected from the camera head down onto the working surface marks the center of the pickup area of the camera. This makes it very easy to position items correctly under the camera. The lasermarker is synchronized with the camera so that it does not appear in any onscreen or recorded images.

Powerful Full HD Cameras

The EYE-14 features a 1-CMOS native 1080p HD camera giving 980 lines of visible resolution in every part of the picture including the edges.

Optional Dry-Erase Working Surfaces

Self-adhesive dry-erase working surfaces are available as optional accessory items. These enable an EYE camera system to be used as a whiteboard or 'digital flip chart' for making handwritten notes during a lecture or presentation.

Plug-and-Play Connectivity

WolfVision's EYE-14 camera system supports the UVC standard, providing plug-and-play connectivity to Windows, Linux, and Mac OS devices.

Large Zoom Range

The EYE-14 comes with 14x optical zoom. This gives great flexibility in presentations, because objects as large as an open book or as small as a postage stamp can easily be picked up - and for enlarging even smaller objects, a 4x digital zoom is also provided.

Power over Ethernet (PoE)

The LAN port of the EYE-14 includes Power over Ethernet Plus (PoE+) functionality, a popular way of saving on cables and installation costs.

Innovative sharing options



HD Video recording

Onboard recording functionality enables entire presentations and lectures to be captured in exceptional quality. It's the quickest and easiest solution for in-house production of training videos or lecture capture. The EYE-14 is an innovative 'all-in-one HD recording solution'.

Quick and convenient distribution

WolfVision offers several possibilities for taking snapshots with EYE Series cameras, and emailing or printing them using our software components. This facilitates quick and easy distribution of materials during a presentation when required.



Knowledge transfer via streaming

EYE Camera Systems or connected WolfVision vSolution Link software can stream video and audio to computers, tablets or smartphones on the internal network or the internet.

Flexible Memory Options

Recorded videos and pictures can be saved to the internal memory of the EYE-14 which has enough capacity to store thousands of images, or an average of 10 hours of video footage (depending on the content). USB sticks or external hard drives can also be used to provide additional storage space if required.



Technical specifications

Camera	1-CMOS 1/3", 30 frames per second in all resolutions
Effective pixels of camera sensor	1920x1080 (2,073,600)
Native signal output	1080p HD (1920x1080)
Converted output signals (4:3 and 5:4)	SXGA (1280x1024), XGA (1024x768), SVGA (800x600), UXGA (1600x1200)
Converted widescreen output signals (16:9 and 16:10)	WUXGA (1920x1200), WXGA (1280x800), 720p HD (1280x720)
Resolution (measured)	980 lines
Brightness control & White balance adjustment	Automatic and manual
Focusing Modes	High speed Continuous Autofocus, Manual Focus
Centre lasermarker for easy positioning of objects	Yes, single dot, in centre of working surface, invisible on screen
Live to freeze comparison (Picture in Picture, and Side by Side)	Yes
On-screen menu and on-screen help	Yes
Free firmware updates via	USB, LAN, USB stick
vSolution Link Pro software for remote management & firmware updates	Yes, included (for Windows 10, Windows Server 2012 R2 & 2016, Windows Web Server, macOS)
Zoom / Lens type	56x zoom (14x optical, 4x digital), Wide angle lens, f= 4.7 - 66mm
UVC (Windows, Linux & macOS), PTP (Picture Transfer Protocol)	Yes
User-defined settings on USB stick	Yes
User programmable presets	3
Image memory	8GB internal memory + additional storage on USB stick or external hard drive
Browsable memory (scrollable thumbnails + 1 larger preview image)	Yes
Alternative image display	Negative / negative-blue / black and white
Built-in digital scaler for the computer input	Yes (processes the signal from HDMI input for HDMI output)
Image memory	1 image freeze
Alternative image display	Negative image / negative-blue image / black and white image
Seamless cross-fading between image sources	Yes
Connectors	1x HDMI Out, 1x RGB 15-pin D-Sub/VGA-plug, IP addressable LAN port 10/100Mbps with PoE+, 1x USB 2.0 device port and 2x USB 2.0 Host ports, Audio Line In/Line Out
vSolution App compatible	Yes, wireless control via a mobile device (app available for iOS, iPadOS, Android, and Windows)
LAN streaming modes (multicast and unicast)	RTP H264 + audio, RTP MJPG + audio, MJPG
Onboard video recording including audio	Yes (720p HD, up to 30 frames per second, AVI container, H.264 codec, .AVI file format)
Audio	Yes (Audio Line In, Line Out)
Advanced controlling with professional protocol	Yes, via LAN and USB
Dimensions in operation (L x W x H)	127mm x 125mm x 91mm (5.0" x 4.92" x 3.58")
Weight	1.0kg (2.24 lbs)
Infrared remote control	Yes, internal Infrared, optional: external receiver (with 10 m cable and status LED)
Anti-theft devices	T-Lock (Kensington® Lock)
Tripod mount / ceiling mount	2 tripod mounts (on top and bottom, 1/4-20 UNC) plus u-shaped mounting clip (for attaching the camera on the back of the unit)
Plenum rated	Yes
Power	External power pack: multi range 100-240 V, 21W power consumption, Power over Ethernet Plus (IEEE 802.3at standard), adjustable standby power consumption
Warranty / Made in	5 years / EU Austria

Design and specifications subject to change!

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