WOLFVISION®

Driving Knowledge Creation

vSolution Cam System
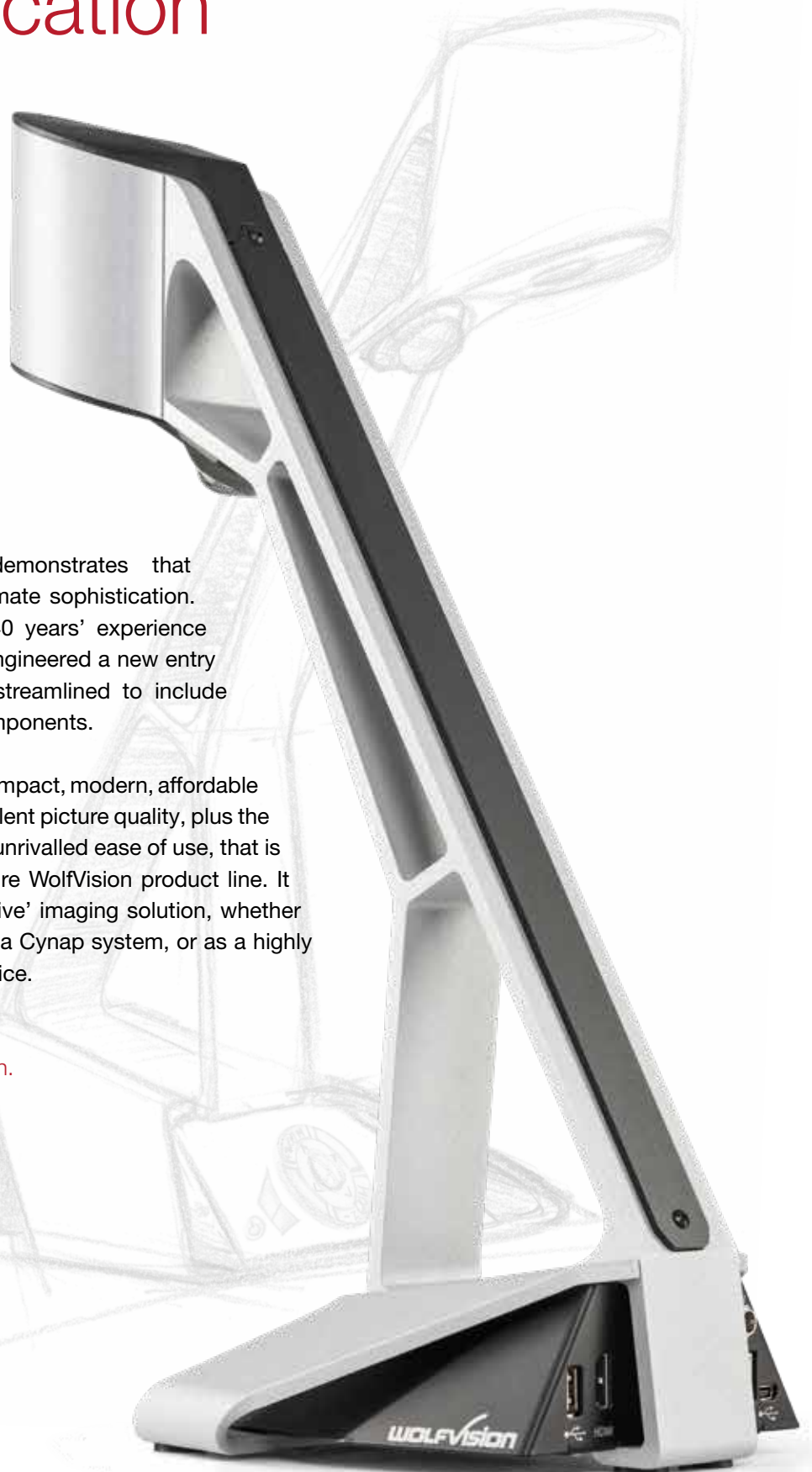
Simplicity is the ultimate sophistication

The vSolution Cam demonstrates that simplicity truly is the ultimate sophistication. Drawing on more than 40 years' experience and expertise, we have engineered a new entry level Visualizer system, streamlined to include only its essential core components.

The result is an elegant, compact, modern, affordable system that features excellent picture quality, plus the same robust design, and unrivalled ease of use, that is found throughout the entire WolfVision product line. It is an outstanding basic 'live' imaging solution, whether used in combination with a Cynap system, or as a highly portable, stand-alone device.

Driving Knowledge Creation.

reddot award 2017
honourable mention

Key Features

Excellent picture quality

A 1-CMOS ultra-high resolution camera with 1080p HD output / 30 frames per second, and sRGB color precision, provides measured image resolution (ø) of 980 lines in every part of the picture.

Designed for ease of use

For maximum usability, focus, brightness, white balance etc., are all adjusted automatically. Users only need to use the zoom buttons on the control panel to operate the device. Continuous autofocus recognizes all objects quickly and precisely, and when required, manual focusing is also available.

Easy external control

vSolution Cam can be controlled directly via Cynap. It can also be controlled from other external devices such as a room control system, a video conferencing system or a computer via USB and LAN.

Flexible imaging

vSolution Cam features a default 4x HD zoom which maintains optimal picture quality. A 10x extended digital zoom can also be selected in the on-screen menu.

Capture your handwriting

Self-adhesive dry-erase working surfaces are available as optional accessories. These enable you to write onto, and erase directly from the vSolution Cam pick-up area, using suitable whiteboard pens and erasers.

Energy efficiency

The LAN port provides Power over Ethernet (PoE) compatibility with devices meeting the IEEE 802.3af-2003 standard. PoE is a popular way of saving on cables and installation costs.

Adjustment-free lighting

The maintenance-free LED light system is optimized for the entire pick-up area, which means there is never any need for manual adjustment of the light.

Technical specifications

Features

Camera	1-CMOS 1/3", 30 frames per second
Effective pixels of camera sensor	4224 x 3136 = 13.2MP
Converted widescreen output signals (16:9)	1080p HD (1920x1080), 720p HD (1280x720)
Color reproduction / precision	Very good colors (sRGB color precision)
Measured image resolution (Ø)	980 lines
Brightness control	Automatic (manual in on-screen menu)
White balance adjustment	Automatic and manual
Autofocus / Speed	Yes (continuously working, high speed)
Manual focus	Yes
On-screen menu and on screen help	Yes
Firmware Updates via	USB, LAN, vSolution Link Pro software
Zoom	4x HD zoom (10x extended digital zoom, selectable in settings)
Lens type	Wide angle f=3.81mm
Max object height on pick-up area	240mm (9.45") // 290mm (11.42") with Riser
Max. size of pick-up area (* when using extended wide zoom 4:3)	Length: 268mm* (10.55")* / 195mm (7.68"), Width: 362mm (14.25") // Length: 311mm* (12.24")* /226mm (8.90"), Width: 419mm (16.50") with Riser Plate
Min. size of pick-up area	40mm (1.57") x 22.5mm (0.88") // 45.5mm (1.79") x 25mm (0.98") with Riser Plate
Depth of focus on small object: 66 x 36mm (2.6" x 1.4")	60mm (2.4")
Depth of focus on large object: 350 x 196mm (13.78" x 7.72")	100mm (3.9")
Riser Plate to increase camera height above pick-up area	Optional
Light source	Maintenance-free, high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours
UVC compatible (Windows, Linux & macOS)	Yes
vSolution Cynap compatible	Yes
Reflection-free pick-up area	Yes, entire pick-up area
Image memory	1 image freeze
Connectors	1x HDMI out, IP addressable LAN port, mini USB 2.0 device port, USB 2.0 host port (for controlling and firmware updates)
Output	HDMI
Advanced controlling with professional protocol	Yes, via LAN and USB
Anti-theft devices	T-Lock (Kensington® Lock), and table lock bolt
Dimensions in operation (L x W x H)	264mm x 165mm x 399mm (10.39" x 6.50" x 15.71")
Power	External desktop power pack 12V: multi range 100-240V, 24W, Power over Ethernet compatible (IEEE 802.3af-2003 standard)
Included accessories	Power supply with cord 1,8 m (5'11"), User manual (online)
Optional accessories	Riser Plate, Dry-erase Working Surface, RS232 adapter, HDBaseT transmitter, Lightboxes, WLAN stick (2.4 & 5 GHz)
Warranty / Made in	5 years (USA 3 years, optional extention to 5 years) / EU Austria

Design and specifications subject to change!

Printed in Germany, January 2020

Riser Plate Option

The optional riser plate increases the height of the camera above the pick-up area. This increases the effective pick-up area of the camera and allows for imaging of larger materials.