EN WOLFVISION

VZ-3neo Visualizer System

Technical Data

	VZ-3neo
Camera	1-CMOS 1/3"
Pictures per second (as picked up by the camera)	30 frames (in all resolutions)
Effective pixels (=pixels actually used for image information)	1920x1080 (=2,073,600)
Total pixels of camera sensor	2,073,600
Pixels processed per second (=effective pixels x frames per second)	62,208,000
Color reproduction / precision	Very good colors (sRGB color precision)
Native signal output	1080p HD (1920x1080)
Converted output signals (4:3 and 5:4)	UXGA (1600x1200), SXGA (1280x1024) XGA (1024x768), SVGA, (800x600)
Converted widescreen output signals (16:9 and 16:10)	720p HD (1280x720), WUXGA (1920x1200), WXGA (1280x800)
Resolution (measured)	980 lines
Brightness control	Automatic and manual
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, USB stick
Zoom / Lens	12x zoom (6x optical, 2x digital) multiple-speed zoom wheel
Lens type	Wide angle, 28mm, f4.7
Max object height on working surface	200mm (8.0") in tele position 320mm (12.6") in wide position
Max. pick-up area on working surface	Length: 290mm (11.42"), Width: 400mm (15.75")
Min. pick-up area on working surface (in full resolution with optical zoom)	66 x 50mm (2.6" x 2.0")
Min. pick-up area on working surface (with digital zoom)	33 x 26mm (1.3" x 1.0")
Depth of focus on small object: 66 x 36mm (2.6" x 1.4")	15mm (0.6")
Depth of focus on large object: 360 x 200mm (14.1" x 7.9")	260mm (10.2")
Light source	Maintenance-free high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours
vSolution Link (USB/LAN, for controlling, image and video capturing, and firmware updates)	Included (for 32 and 64-bit Windows and Macintosh, Twain/WIA compatible)
UVC driver for Windows, Linux, and OS X (Mac)	Yes
vSolution Cynap compatible	Yes
Reflection-free area on working surface	Whole working surface
Intelligent folding system	Mechanical arm
User defined settings on USB stick	Yes
User programmable presets	1
Swivel plate with 90° rotation	Optional
Special working surface for transparencies	Yes (not included with optional swivel plate version)
Dry-erase working surface	Optional
Slide pick-up	With optional lightbox
Bottom light	With optional lightbox
External computer input / Input switch	Yes, HDMI (DVI via optional adapter cable)
Seamless cross-fading between image sources	Optional
Live to Freeze Comparison (Picture in Picture)	Yes
WolfVision image processing engine "YSOP1"	Yes
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
Connectors	1x HDMI in, 1x HDMI out, IP addressable LAN port, mini USB 2.0 device port, USB 2.0 host port,
Output	HDMI (DVI output via optional HDMI-DVI adapter cable)
Ethernet / LAN port	Yes, with PoE+
LAN web interface	Yes
Integrated WLAN (dual band stick for 2.4GHz & 5GHz)	Optional via BYOD feature pack
RS232 port	- (if required external LAN to RS232 adapters can be used)
Advanced controlling with professional protocol	Yes, via LAN and USB
Dimensions in operation (L x W x H)	488mm x 305mm x 525mm (19.2" x 12" x 20.7")
Dimensions when folded (L x W x H)	574mm x 305mm x 135mm (22.6" x 12" x 5.3")
Weight	3.76kg (8.3lbs)
Operating temperature / relative humidity	0°-40°C (32°-104°F) / 40-60%
Anti-theft devices	T-Lock (Kensington® Lock), and table lock bolt
Power	External desktop power pack 12V: multi range 100-240V, 24W, Power over Ethernet Plus (IEEE 802.3at-2009 standard)
Included accessories	Cable shield, power supply with cord 1.8m (5'11"), LAN cable 1.8m (5'11"), mini USB cable 1.8m (5'11"), HDMI cable 1.5m (4'11"),
Warranty	5 years

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