

INSTRUCTIONS

VZ-3



ENGLISH

Check out our Internet Homepage for additional information
www.wolfvision.com/support

Technical Data

Camera / Technology (Signal format)	1-CCD 1/3" Progressive Scan Camera
Pictures per second (as picked up by the camera)	30 frames
Effective Pixel	1280 x 960 (=1,228,800)
Total pixels of CCD	1,315,648
Pixels processed per second (=effective pixels x frames per second)	36,864,000
Color reproduction (sRGB color precision)	very good colors
Native signal output (camera)	SXGA- (1280x960) / WXGA* (1280x800) / HD 720p (1280x720)
Output signals (native and scaled)	SXGA- / WXGA* / 720p / WXGA / XGA (switchable)
Resolution (measured)	710 lines
Vertical image-frequency (depending on resolution)	Progressive Scan: 50 Hz and 60Hz (switchable)
Iris / Shutter / Gain (on-screen menu)	automatic / manual / flickerless (Shutter)
White balance adjustment	automatic and manual
Autofocus / Manual Focus	yes (continuously working high speed) / yes
On-screen menu and on-screen help	yes
Upgradeable firmware	yes, via USB and Ethernet/LAN
Lens / Zoom	24x zoom (12x optical + 2x digital), zoom wheel with multiple speed
Max. object height on working surface	60mm (2.4") in tele position, 320mm (12.6") in wide position
Max. pick-up area on working surface	300mm x 400mm (11.81" x 15.75")
Min. pick-up area on working surface	33mm x 25mm (1.3" x 1") / digital zoom: 17mm x 13mm (0.7" x 0.5")
Depth of focus on small object (42 x 33 mm)	10mm (0.4")
Depth of focus on large object (360 x 270 mm)	260mm (10.2")
Light source	Maintenance free high-brightness LED light system (high light output, low power consumption), lamp lifetime: 30,000 hours
Disturbing stray light / blinding of audience or speaker	none
Reflection free area on working surface	whole working surface
Special working surface for transparencies	yes
Additional working surface for direct annotation	yes
Software for image capture and controlling	included (for 32- and 64-bit Windows and Macintosh, Twain/WIA compatible with Video Capture Driver)
External computer input / Input switch	yes (15-pin D-Sub plug), can also be output through DVI
Alternative Image display	negative image / negative-blue image / black and white image / text enhancer
Image memory	1 image freeze
DVI-I output / RGB/HDMI output	DVI-I (analog and digital) / when using a DVI/HDMI or DVI/RGB cable
USB port / standard	USB 2.0, Device port
Ethernet (LAN) port	yes, IP-addressable, 10/100 Mbps
Intelligent folding system	mechanical arm, 1-step set up
Bottom light / Slide pick-up	with optional external light box
Dimensions in operation (L x W x H)	488mm x 340mm (working surface) x 510mm (18.5" x 13.4" x 20")
Dimensions folded (L x W x H)	408mm x 333mm x 155mm (16.1" x 13.1" x 6.1")
Weight	3.5kg (7.7lbs)
Anti-theft device	yes, T-Lock (Kensington Lock®) and table lock bolt
Voltage input / Power consumption (external power pack)	multi range 100 - 240 VAC at 25.5W (LPS) / 19.2W PoE+ (IEEE 802.3at 2009)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Relative Humidity	40 - 60%rel (no-condensation)
Warranty	5 years
Made in	Austria (European Union)

Please note: Due to technical improvements all specifications are subject to change!