	VZ-9.4F Desktop Visualizer	VZ-9.4L Desktop Visualizer
Camera	1-CMOS	1-CCD
2D / 3D imaging	2D	2D
Horizontal resolution (lines)	980	860
Frames per second	60	30
Effective megapixels per second	124.4	36.8
Native pixels of camera sensor	1920x 1080	1280x 960
vSolution Connect compatible	✓	✓
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	Х	Х
Fasy positioning of objects with Synchronized Lasermarkers	Y	
Easy positioning of objects with Center Lasermarker	X	X
Built-in LCD preview monitor	· · · · · · · · · · · · · · · · · · ·	√
Live to Freeze comparison (on two displays or picture in picture)	✓	✓
Lens type (wide angle or tele zoom)	wide	wide
Optical zoom factor	16x	16x
Digital zoom factor	4x	4x
High Speed Autofocus + Manual focus	√	√
Manual iris	~	✓
Shadow free illumination / Illumination of hollow objects	X	X
Tilt range of camera to audience / to speaker	180/110° (290°)	180/110° (290°)
Motorized top mirror (for scrolling with remote control)	X	X
User programmable presets	3	3
Special working surface for transparencies	✓	✓
Dry-erase working surface	optional	optional
Computer input / Input switch	2x HDMI	2x HDMI
Seamless switch with fading effects	✓	✓
WolfVision image processing engine YSOP1	✓	✓
Image memory	8GB internal + USB-stick	8GB internal + USB stick
Digital image output	HDMI	HDMI
Analog image output	VGA	VGA
USB 2.0 Device port	✓	✓
USB 2.0 Host port	/	✓
RS232 port	via adaptor	via adaptor
Ethernet (LAN) port	/	<u> </u>
Unicast/Multicast streaming	✓	✓
WLAN (Dual band stick included for 2.4GHz and 5GHz)	✓	/
Onboard video recording, including audio	✓	✓
Built-in microphone	✓	~
Audio Line in /Line out	✓	✓