

# Video Gateways for Small Offices and Homes

# HVG



The HVG 400 video gateway is the optimal security system for small businesses and residential sites. These units offer a range of functionality in a compact, cost-effective package that minimizes power consumption. Live and recorded video from the units' four video channels can be viewed in any SerVision client application or on closed-circuit monitors plugged directly into the units. Two-way live voice transmission enables remote users and those on-site to speak with one another in real-time. The HVG 400 can be connected to the internet using a standard cable-based internet connection, and is an ideal security system for monitoring homes, shops and ATM machines.



## TECHNICAL SPECIFICATION

<b>MODELS</b>		HVG 400
<b>VIDEO INPUT</b>	<b>Standard</b>	PAL/NTSC
	<b>No. of video channels</b>	4
	<b>Resolution</b>	VGA: 640x480 (VGA), 320x240 (SIF), 160x120 (QSIF) D1/PAL: D1 (704x576), CIF (352x288), QCIF (176x144) D1/NTSC: D1 (704x480), CIF (352x240), QCIF (176x120)
	<b>Video compression</b>	MPEG4 up to 160 SIF frames per second
	<b>Compressed data rates</b>	9 kbps to 4 Mbps, user configurable
	<b>PTZ control</b>	2 ports: 1 RS-232 port, 1 RS-485 port
	<b>PTZ protocol</b>	Most common protocols
<b>AUDIO</b>	<b>Audio channels</b>	2 inputs: 1 active microphone, 1 passive microphone 2 Outputs: 1 internal built-in speaker, 1 external connector Bi-directional audio support
<b>VIDEO OUTPUT</b>	<b>Standard</b>	PAL/NTSC
	<b>User interface</b>	Supplied PS/2 mouse Optional touch screen (supported models only)
<b>COMMUNICATION</b>	<b>Network connectivity</b>	Built-in 10/100 Base-T Ethernet suitable for cable/xDSL
	<b>Maintenance</b>	Web-based configuration
	<b>External network support</b>	Custom Proxy for remote access and video streaming Dynamic DNS support - No-IP, DynDNS, SVDNS (free use of SerVision's SVDNS server is available)
<b>RECORDING</b>	<b>Mode</b>	Continuous, event-driven or scheduled
	<b>HD type</b>	IDE interface; option for an IDE flash disk
	<b>HD size</b>	Default: 3.5", 160GB, up to 500GB (optional)
<b>EVENT HANDLING &amp; OUTPUT</b>	<b>Storage</b>	3.3GB/day per channel @ 15fps/320kbps SIF continuous recording (MPEG)
	<b>Event type</b>	External sensor input, video motion detection, video loss
	<b>Action type</b>	Local recording, client notification, SMS, email notification, external activator, AVV (Alarm Video Verification)
	<b>Motion detection</b>	Threshold control, area of interest, exclude areas
<b>I/O</b>	<b>Input channels</b>	6 Opto-isolated inputs Optional external sensor hub for up to 16 additional inputs
	<b>Output channels</b>	2 Opto-isolated activators
<b>POWER</b>	<b>Voltage input</b>	12V DC
	<b>Max. power consumption</b>	12W
<b>OPERATING ENVIRONMENT</b>	<b>Ambient temperature</b>	0°C - 45°C; 32°F - 113°F
	<b>Relative humidity</b>	≤ 85%
<b>PHYSICAL SPEC</b>	<b>Dimensions HVG</b>	185(W) x 181(D) x 60(H) mm; 7.2" (W) x 7.1"(D) x 2.3"(H)
	<b>Weight</b>	1.7 kg; 3.7 lbs
<b>CLIENT SOFTWARE</b>		Proprietary software for PC, Web server, PDA & cellphone Snapshot over Web

