

# CVG

## Compact IP Video Gateway



The CVG is SerVision's most basic video gateway. Its light weight, small dimensions and minimal power consumption make it an ideal choice for securing small sites which require up to two video cameras. Optimized for providing high-quality live video streams over low bandwidths to local and remote users, the CVG offers all of SerVision's advanced video transmission, event detection, notification, and client-access features. A removable SD Card (4-64GB) can record days or weeks of video for viewing in client applications; bi-directional audio support enables remote users to communicate with on-site users; and a sensor and activator can be connected to the unit for expanded event detection and handling.



### TECHNICAL SPECIFICATIONS

<b>MODELS</b>		CVG
<b>VIDEO INPUT</b>	<b>Standard</b>	PAL/NTSC
	<b>No. of video channels</b>	2
	<b>Resolution</b>	VGA: 640x480 (VGA), 320x240 (QVGA), 160x120 (QSIF) D1/PAL: D1 (704x576), CIF (352x288), QCIF (176x144) D1/NTSC: D1 (704x480), CIF (352x240), QCIF (176x120)
	<b>Compression</b>	MPEG4 up to 160SIF fps Supports multiple streams & resolutions simultaneously
	<b>Compressed data rates</b>	9 kbps to 4 Mbps, user configurable
	<b>PTZ control</b>	2 ports: 1 RS-232, 1 RS-485 port
	<b>PTZ protocol</b>	Most common protocols
<b>ENCRYPTION</b>		AES-192
<b>AUDIO</b>	<b>Audio channels</b>	1 input, 2 output (1 internal & 1 external) Bi-directional audio support
<b>VIDEO OUTPUT</b>	<b>Standard</b>	PAL/NTSC
	<b>User Interface</b>	Optional touch screen (supported models only)
<b>COMMUNICATION</b>	<b>Network connectivity</b>	Built-in 10/100 Base-T Ethernet suitable for cable/xDSL Optional external router for USB (GPRS/CDMA/UMTS/EDGE/HSxPA) modems and wireless (Wi-Fi) adapters
	<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>Recording media</b>	Removable SD Card
	<b>Default SD size</b>	4 GB standard, (optional up to 64 GB)
<b>EVENT HANDLING &amp; OUTPUT</b>	<b>Storage</b>	Approx. 1.3 GB/day per channel@10fps/128kbps QVGA continuous recording (MPEG)
	<b>Event type</b>	External sensor input, video motion detection, video loss
	<b>Action type</b>	Local event 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>	1 Opto-isolated input Optional external sensor hub for up to 16 additional inputs/outputs
	<b>Output channels</b>	1 Opto-isolated activator (built-in relay)
<b>POWER</b>	<b>Voltage input</b>	12V DC
	<b>Max. power consumption</b>	5W
<b>OPERATING ENVIRONMENT</b>	<b>Ambient temperature</b>	0°C - 60°C; 32°F - 140°F
	<b>Relative humidity</b>	≤ 85%
<b>MECHANICAL SPEC</b>	<b>Dimensions</b>	115(W) x 110(D) x 47(H) mm; 4.52" (W) x 4.33"(D) x 1.85"(H)
	<b>Weight</b>	300gr; 10.6 oz
<b>CLIENT SOFTWARE</b>		Proprietary software for PC, Web server, PDA and cellphone Snapshot over Web