

Compact IP Video Gateway

CVG



The CVG is SerVision's newest and most basic video gateway. Its light weight, small dimensions and minimal power consumption make it an ideal choice for securing sites in which only a single video camera is required, or for body-worn/foot-patrol security applications. 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 4GB built-in flash drive can record nearly three days of video for viewing in client applications; bi-directional audio support enables remote users to communicate with on-site users; support for WiFi and cellular modems through an external module makes it possible to connect the unit to the internet without using a network cable; and a sensor and activator can be connected to the unit for expanded event detection and handling.

TECHNICAL SPECIFICATIONS

MODELS		CVG
VIDEO INPUT	Standard	PAL/NTSC
	No. of video channels	1 (up to 4 with adaptor)
	Resolution	VGA: 640x480 (VGA), 320x240 (SIF), 160x120 (QSIF) D1/PAL: D1 (704x576), CIF (352x288), QCIF (176x144) D1/NTSC: D1 (704x480), CIF (352x240), QCIF (176x120)
	Compression	MPEG4 up to 160SIF fps Supports multiple streams & resolutions simultaneously
	Compressed data rates	9 kbps to 4 Mbps, user configurable
	PTZ control	2 ports: 1 RS-232, 1 RS-485 port
	PTZ protocol	Most common protocols
	Audio channels	1 input, 2 output (1 internal & 1 external) Bi-directional audio support
COMMUNICATION	Network connectivity	Built-in 10/100 Base-T Ethernet suitable for cable/xDSL Optional external router for USB WiFi adapters and GSM/CDMA modems * Built-in GSM module coming soon
	Maintenance	Web-based configuration
	External network support	Custom Proxy for remote access and video streaming Dynamic DNS support - No-IP, DynDNS, SVDNS (free use of SerVision's SVDNS server is available)
RECORDING	Mode	Continuous, event-driven or scheduled
	Recording media	Internal Flash
	Internal flash size	4 GB (optional up to 16 GB)
EVENT HANDLING & OUTPUT	Storage	4GB Flash: 2.8 days @ 10fps/128Kb SIF continuous recording (MPEG)
	Event type	External sensor input, video motion detection, video loss
	Action type	Local event recording, client notification, SMS, email notification, external activator, AVV (Alarm Video Verification)
	Motion detection	Threshold control, area of interest, exclude areas
I/O	Input channels	1 Opto-isolated input Optional external sensor hub for up to 16 additional inputs
	Output channels	1 Opto-isolated activator (built-in relay)
POWER	Voltage input	12V DC
	Max. power consumption	3W
OPERATING ENVIRONMENT	Ambient temperature	0°C - 60°C; 32°F - 140°F
	Relative humidity	≤ 85%
MECHANICAL SPEC	Dimensions	110(W) x 100(D) x 20(H) mm; 4.33" (W) x 3.93"(D) x 0.79"(H)
	Weight	0.4 kg; 0.88 lbs
CLIENT SOFTWARE		Proprietary software for PC, Web server, PDA and cellphone Snapshot over Web

