

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

MODELS		CVG
VIDEO INPUT	Standard	PAL/NTSC
	No. of video channels	2
	Resolution	VGA: 640x480 (VGA), 320x240 (QVGA), 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
ENCRYPTION		AES-192
AUDIO	Audio channels	1 input, 2 output (1 internal & 1 external) Bi-directional audio support
VIDEO OUTPUT	Standard	PAL/NTSC
	User Interface	Optional touch screen (supported models only)
COMMUNICATION	Network connectivity	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
	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	Removable SD Card
	Default SD size	4 GB standard, (optional up to 64 GB)
EVENT HANDLING & OUTPUT	Storage	Approx. 1.3 GB/day per channel@10fps/128kbps QVGA 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/outputs
	Output channels	1 Opto-isolated activator (built-in relay)
POWER	Voltage input	12V DC
	Max. power consumption	5W
OPERATING ENVIRONMENT	Ambient temperature	0°C - 60°C; 32°F - 140°F
	Relative humidity	≤ 85%
MECHANICAL SPEC	Dimensions	115(W) x 110(D) x 47(H) mm; 4.52" (W) x 4.33"(D) x 1.85"(H)
	Weight	300gr; 10.6 oz
CLIENT SOFTWARE		Proprietary software for PC, Web server, PDA and cellphone Snapshot over Web