CVG-M

Compact Video Gateway for Remote Sites and Small Vehicles

The CVG-M is the perfect remote video surveillance solution for cars, vans and trucks, as well as remotely located sites and body-worn applications, allowing users to view live video from any moving platform or location on their smartphone or laptop anytime, anywhere. The CVG-M has support for two camera inputs, and uses special compression to transmit and record high quality live video using an internal 3G GSM module. The unit has a removable SD card (4-64 GB) for local recording, as well as built-in GPS for fleet tracking and bi-directional audio for two way communication between on and off-site personnel. It also has one sensor and activator for expanded event detection and handling.

TECHNICAL SPECIFICATIONS

MODELS		CVG-M
VIDEO INPUT	**Standard**	PAL/NTSC
	No. of video channels	2
	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 160 SIF fps, Supports multiple streams & resolutions simultaneously
	Compressed data rates	9 kbps to 2 Mbps, user configurable
	PTZ control	2 ports: 1 RS-232, 1 RS-485 port
	PTZ protocol	Most common protocols
ENCRYPTION		AES-192/256
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
COMMUNICATION	**Network connectivity**	Built-in 10/100 Base-T Ethernet suitable for cable/xDSL
		Built-in 3G/3.5G GSM/UMTS/HSDPA module
	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)
GPS	**GPS**	Internal 12 channel GPS module
ACCELEROMETER	**G-Force Sensor**	3-axis 2g - 8g high resolution G-Force sensor (Optional)
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
		G-Force events: Reckless driving, accidents, etc
		GPS based events: Geofencing, Speed violations.
	Action type	Local event recording, client notification, SMS, email notification, external activator, 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**	9-36V
	Ignition Input	12/24 VDC - Configurable ignition based power off
	Voltage Output	Provides 12V DC / 250mA for cameras & external equipment
	Max. power consumption	9W
OPERATING ENVIRONMENT	**Ambient temperature**	0ºC - 60ºC; 32ºF - 140ºF
	Relative humidity	≤ 85%
MECHANICAL SPEC	**Dimensions**	115(W) x 110(D) x 47(H) mm; 4.52" (W) x 4.33"(D) x1.85"(H)
	Weight	340gr.; 11.2 oz.
CLIENT SOFTWARE		Propietary software for PC, Web server, PDA and cellphone (iPhone, iad, Symbian, etc.); Snapshot over Web
		Optional PC Software for removable micro SD that enables direct viewing and downloading of recorded video