



CVG-M

Compact Video Gateway for Body-Worn Applications

The CVG-M* is light-weight, highly compact, and ideal for carry-on-body video streaming applications. Command & Control Centers can now experience significantly enhanced monitoring capabilities due to direct line-of-sight video access from guards and officers who are wearing a custom-fitted vest that holds a CVG-M, small battery pack, microphone, and camera.



Analog



3G Built In



Audio



GPS



I/O Panel



MSD



G-Force
(Optional)



GEO Fence



9-36V

FEATURE	DESCRIPTION	
VIDEO INPUT	No. of video channels	2Ch. BNC (PAL/NTSC)
	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	Proprietary 160 QVGA FPS (system wide)
	Compressed Data Rates	5 kbps to 2 Mbps, user configurable
	PTZ control	2 ports: 1 RS-232 port, 1 RS-485 port
	PTZ protocol	Most common protocols
	No. of video channels	1Ch. BNC (optional touch screen)
VIDEO OUTPUT		
ENCRYPTION	AES-192/256	
AUDIO	Input	2 inputs: 1 active microphone, 1 passive microphone
	Output	2 outputs (1 internal built-in speaker, 1 external connector) Bi-directional audio support
COMMUNICATION	Ethernet	RJ45 10M/100M
	Cellular (CVG-M)	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	Internal 22-channel GPS module	
ACCELEROMETER	G-Force Sensor	3-axis 2g to 8g high-resolution built-in G-Force sensor
RECORDING	Mode	Continuous, event-driven, or scheduled
	Recording Media	Removable 8GB microSD Card; up to 64GB supported
	Storage	1.3GB/day per channel@10fps/128kbps QVGA continuous recording (MPEG)
EVENTS	Event Type	Sensors: External dry contact inputs, video motion detection, video loss, optional built-in G-Force sensor GPS: Geofencing, route deviation, speed violations
	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
	Output Channels	1 opto-isolated activator (built-in relay) Optional external sensor hub for up to 16 additional inputs/outputs
POWER	Voltage Input	9-36V
	Ignition Input	12/24 VDC, with configurable ignition-based power-off
	Max. Power Consumption	9W
OPERATING ENVIRONMENT	Ambient Temperature	0°C - 60°C; 32°F - 140°F
	Relative Humidity	≤ 85%
PHYSICAL SPEC	Dimensions	115(W) x 110(D) x 47(H) mm; 4.52" (W) x 4.33"(D) x 1.85"(H)
	Weight	340gr; 11.2oz.
CLIENT SOFTWARE	Proprietary Software for PCs, smartphones (iPhone, Android), tablets	

*Available for large volume orders only.