



MVG200

Mobile Video Gateway for Compact Vehicles and Isolated Sites



The MVG200 is SerVision's most compact video gateway for light commercial vehicles, trailers and fixed sites that require up to two cameras. It comes with a microSD slot for video storage and has no moving parts, making it ideal for any type of installation environment.

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Analog
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3G External USB
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Audio
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Wifi
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GPS
- 
I/O Panel
- 
MSD
- 
G-Force (Optional)
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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
	VIDEO OUTPUT	No. of video channels
ENCRYPTION	AES-192/256	
AUDIO	Input	1 input for active/passive microphone
	Output	2 outputs (1 internal built-in speaker, 1 external connector) Bi-directional audio support
COMMUNICATION	Ethernet	RJ45 10M/100M
	WiFi	Built-in module (Client mode for wireless video backup; WiFi hotspot capabilities)
	Cellular	1 USB interface for cellular modems (GPRS – from 5kbps/CDMA/UMTS/EDGE/HSDPA/HSPA/HSUPA)
	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	48-channel GPS module (internal to antenna)	
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	8GB Removable microSD card; up to 64GB supported
	Storage	1.3GB/day per channel@10fps/128kbps QVGA continuous recording (MPEG)
EVENTS	Event Type	Sensors: Dry contact input, 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, Alarm Video Verification (AVV)
	Motion Detection	Threshold control, area of interest, exclude areas
	I/O	Input Channels
POWER	Output Channels	1 opto-isolated activator (built-in relay) Optional external sensor hub for up to 16 additional inputs/outputs
	Voltage Input	9-36V DC
	Ignition Input	12/24 VDC, with configurable ignition-based power-off
	Max. Power Consumption	12W
OPERATING	Ambient Temperature	0°C - 60°C; 32°F - 140°F
	Relative Humidity	≤ 85%
PHYSICAL SPEC	Dimensions	170(W) x 107(D) (123 incl. supports) x 55(H) mm; 6.7"(W) x 4.2"(D) (4.8" incl. supports) x 2.1"(H)
	Weight	0.8 kg; 28.2 oz
	CLIENT SOFTWARE	Proprietary Software for PCs, smartphones (iPhone, Android), tablets