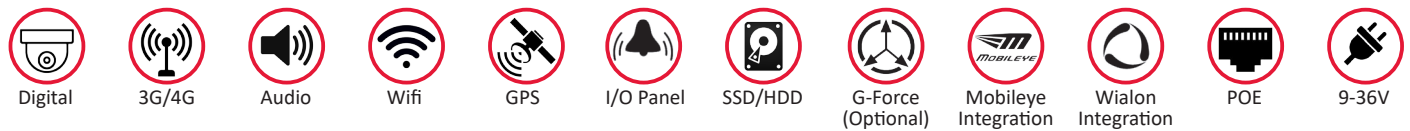




# IVG400-N

High Definition IP Video Gateway for Mobile and Fixed Site Applications

The IVG400-N is SerVision's latest video gateway for professional mobile applications. With support for up to twelve ONVIF compliant IP cameras, full HD video/audio recording and SerVision's optimized transmission protocol for live streaming, the IVG400-N is perfect for vehicles and isolated sites. In addition to supporting a broad range of features, the IVG is fully integrated with a number of leading telematics platforms and with Mobileye's collision avoidance technology for expanded monitoring performance.



FEATURE	DESCRIPTION	
VIDEO INPUT	No. of video channels	4xPoE 1Gb LAN ports, 802.3af standard (15.4W/ch) Optional support for up to 8 additional IP cameras with external hub
	Resolution	Full HD 1080p (1920 x 1080); D1 (704 x 576); CIF (352 x 288)
	Compression	H.264
	Compressed Data Rates	50kbps to 4Mbps (user-configurable)
	PTZ control	Supported
VIDEO OUTPUT	No. of video channels	1 HDMI output
AUDIO	Input/Output	One audio port for external speaker; One audio port for external microphone
COMMUNICATION	Ethernet	Two 1Gb LAN interfaces for various applications
	WiFi	Optional internal module (802.11 B/G/N/AC)
	Cellular	Internal 3G or optional LTE module (LTE/HSUPA/HSPA/EDGE/UMTS/CDMA/GPRS); Socket for SIM Card
	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 is possible)
GPS	Auxiliary Interfaces	4 x USB 2.0 ports
		48ch GPS module
RECORDING	Mode	Continuous, Event-Driven
	Recording Media	256GB SSD (optional upgrade to 500GB/1TB SSD); Alternative option for HDD
EVENTS	Event Type	<b>Sensors:</b> Dry Contact Inputs; Video Motion Detection; Video Loss, Optional G-Force Sensor, Mobileye Sensor <b>GPS-based:</b> Geofencing; Route Deviation; Speed Violations (*Supported via external RMC server & 3rd party telematics software)
	Action Type	Local Event Recording; Client Notification, Email Notification, External Activator
	Motion Detection	Camera-dependent
	I/O	Input Channels
POWER	Output Channels	2 opto-isolated activators
	Voltage Input	9-36V DC
	Ignition Input	12/24V DC, with configurable ignition-based power off
OPERATING ENVIRONMENT	Max. Power Consumption	~20W (with no cameras connected)
	Ambient Temperature	Units supplied with SSD: 0°C - 60°C; 32°F - 140°F Units supplied with HDD: SSD: 0°C - 60°C; 32°F - 140°F
	Relative Humidity	≤ 85%
PHYSICAL SPEC	Dimensions	220mm(W) x 47mm (H) x 155mm (D); 8.66" (W) x 1.85" (H) x 6.1" (D)
	Weight	1.2kg; 2.65lbs
CLIENT SOFTWARE		Proprietary Software for PCs, smartphones (iPhones, Android), tablets, and API for third party client development