



UVG400

Video Gateway for Isolated and Remote Sites

The UVG400 is great for sites with critical infrastructure and valuable assets that require live monitoring but have no cabled network infrastructure or are located in areas with limited cellular coverage. This four channel system is optimized for streaming video and other event data under the most challenging network conditions.



Analog



3G External USB



Audio



Wifi



I/O Panel



HDD



12V

FEATURE	DESCRIPTION	
VIDEO INPUT	No. of video channels	4Ch. BNC (PAL/NTSC)
	Resolution	D1/PAL: D1(704x576), CIF(352x288), QCIF(176x144) D1/NTSC: D1(704x480), CIF(352x240), QCIF(176x120) VGA: 640x480(VGA), 320x240(QVGA), 160x120(QSIF)
	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	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; 3 internal network RJ45 ports (LAN)
	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)
RECORDING	Mode	Continuous, event-driven, or scheduled
	Recording Media Storage	500GB 3.5" HDD" (up to 2TB optional) 1.3GB/day per channel@10fps/128kbps QVGA continuous recording (MPEG)
EVENTS	Event Type	External dry contact inputs, 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	4 opto-isolated inputs or 8 wet-contact inputs (optional)
	Output Channels	2 opto-isolated activators (built-in relay) Optional external sensor hub for up to 16 additional inputs/outputs
POWER	Voltage Input	12V DC
	Max. Power Consumption	17W
OPERATING ENVIRONMENT	Ambient Temperature	0°C - 45°C; 32°F - 113°F;
	Relative Humidity	≤ 85%
PHYSICAL SPEC	Dimensions	185(W) x 158(D) x 76(H) mm; 7.2"(W) x 6.2"(D) x 2.9"(H)
	Weight	2 kg; 4.4 lbs
CLIENT SOFTWARE		Proprietary Software for PCs, smartphones (iPhone, Android), tablets