

UVG

Video Gateways for Remote Sites



The UVG 400 is designed for installation at remotely located sites such as parking lots, cellular base stations, international borders and along the perimeter fencing of airport terminals. These low voltage systems support four or eight channels of live and recorded video, as well as bi-directional audio. Although they can be connected to the internet using a standard cable based internet connection, the UVG can also use cellular and wireless (WiFi) networks for streaming high quality video from remote sites to client devices. The UVG is ideal for deployment at any location where cabled internet connections are not readily available, or at fixed sites where a backup cellular connection may be necessary.



TECHNICAL SPECIFICATIONS

MODELS		UVG 400, UVG 800
VIDEO INPUT	Standard	PAL/NTSC
	No. of video channels	4 (UVG 400), 8 (UVG 800)
	Resolution	VGA: 640x480 (VGA), 320x240 (QVGA), 160x120 (QSIF) D1/PAL: D1 (704x576), CIF (352x288), QCIF (176x144) D1/NTSC: D1 (704x480), CIF (352x240), QCIF (176x120)
	Video compression	UVG 400: MPEG4 up to 160 QVGA FPS; UVG 800: MPEG4 up to 320 QVGA FPS
	Compressed data rates	9 kbps to 4 Mbps, user configurable
	PTZ control	UVG 400: 2 ports: 1 RS-232 port, 1 RS-485 port; UVG 800: 4 ports: 2 RS-232 port, 2 RS-485 port
	PTZ protocol	Most common protocols
ENCRYPTION		AES-192
AUDIO	Audio channels	UVG 400: 2 inputs: 1 active microphone, 1 passive microphone; 2 Outputs: 1 internal built-in speaker, 1 external connector
		UVG 800: 4 inputs: 2 active microphone, 2 passive microphone 4 Outputs: 2 internal built-in speaker, 2 external connector
VIDEO OUTPUT	Standard	Bi-directional audio support PAL/NTSC
	User interface	Supplied PS/2 mouse Optional touch screen (supported models only)
COMMUNICATION	Network connectivity	Built-in 10/100 Base-T Ethernet suitable for cable/xDSL Dual USB interface slot for cellular (GPRS/CDMA/UMTS/EDGE/HSDPA/HSPA/HSUPA) and wireless (Wi-Fi) modems
	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
	HD type	SATA interface
EVENT HANDLING & OUTPUT	HD size	Default: 3.5", UVG 400: 160GB, up to 1TB (optional); UVG 800: 320GB, up to 2TB (optional)
	Storage	1.3GB/day per channel @ 10fps/128kbps QVGA continuous recording
	Event type	External sensor input, video motion detection, video loss
	Action type	Local recording, client notification, SMS, email notification, external activator, AVV (Alarm Video Verification)
I/O	Motion detection	Threshold control, area of interest, exclude areas
	Input channels	UVG 400: 4 Opto-isolated inputs; UVG 800: 8 Opto-isolated inputs
		Optional external sensor hub for up to 16 additional inputs/outputs
	Output channels	UVG 400: 2 Opto-isolated activators; UVG 800: 4 Opto-isolated activators
POWER	Voltage input	12V DC
	Max. power consumption	UVG 400: 17W , UVG 800: 30W
OPERATING ENVIRONMENT	Ambient temperature	0°C - 45°C; 32°F - 113°F
	Relative humidity	≤ 85%
PHYSICAL SPEC	Dimensions	UVG 400: 185(W) x 158(D) x 76(H) mm; 7.2" (W) x 6.2"(D) x2.9"(H)
	Dimensions	UVG 800: 185(W) x 158(D) x 160(H) mm; 7.2" (W) x 6.2"(D) x6.3"(H)
	Weight	UVG 400: 2.1 kg; 4.6 lbs, UVG 800: 4.5 kg; 9.9 lbs
CLIENT SOFTWARE		Proprietary software for PC, Web server, PDA & cellphone Snapshot over Web