GANZbridge All-in-One Stand-Alone Analytics Appliance

GANZbridge is an all-in-one analytics appliance that enables the rapid application of VCA Technology's advanced video analytics engine to compatible RTSP and ONVIF IP cameras, VMSs, NVRs and PSIM servers.

- Add analytics to existing IP and analog (with the VMS) camera installations

- Supports 4 channels @ 1080p and up to 16 channels at D1 resolution

- Use standalone or with popular VMSs

- Instantly receive alerts via VMS, Email or HTTP

- Configure rules and review events via web browser on any device (Via Chrome on Windows, Linux, Mac, iOS*, Android)

■ BEST-IN-CLASS ANALYTICS

Over 200,000 channels of VCA Technology's analytics have already been deployed on PC and embedded platforms. GANZbridge can upgrade any compatible IP camera, VMS, NVR or PSIM with a best-in-class analytics solution with no performance impact.

■ WEB-BASED CONFIGURATION INTERFACE

A HTML5 web based configuration interface supports configuration of detection rules on a range of desktop, mobile devices and browsers. Supported device platforms include Windows, Linux, Mac, iOS and Android.

■ PLUG-AND-PLAY FOR SELECTED VMS

GANZbridge contains built-in support for a range of selected VMS, NVR and PSIM platforms. Simply power on and download and install the corresponding plug-in on the partner system. Depending on the capabilities of the VMS, enjoy real-time analytics alerts, metadata overlay and forensic search capabilities from within the native VMS environment.
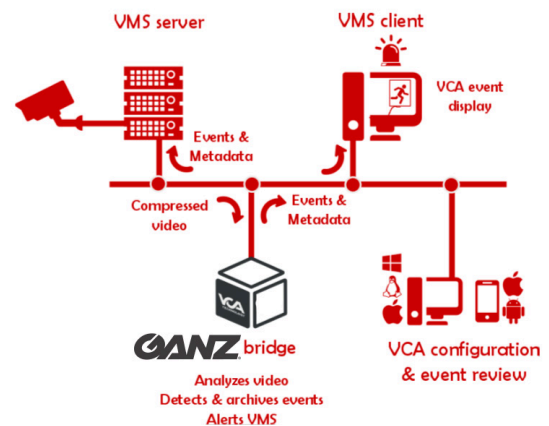
■ EDGE BASED STORAGE

GANZbridge has an internal 500GB surveillance grade HDD allowing storage and review of pre- and post event video clips. Simply log into device via web browser to search and download footage.

■ OPEN STANDARD API

GANZbridge supports an open standards API for simple integration into a range of customized monitoring scenarios.

■ SYSTEM ARCHITECTURE

CBC AMERICAS Corp.

GANZbridge All-in-One Stand-Alone Analytics Appliance

GANZ GXi POWERED BY VCA TECHNOLOGY

PART NUMBERS		ZN1A-BP3500-XX
Channels	ZN1A-BP3500-04	4 channels @ 1080p @30fps
	ZN1A-BP3500-08	8 channels @ 1080p @30fps
	ZN1A-BP3500-016	16 channels @ D1 @30fps
SYSTEM		
Supported Clients		PC, iPad*, iPhone*, Android
Supported Browsers		IE*, Safari*, Chrome, Firefox* (latest versions)
Software Update		Automatic or Manual
Supported Video Format		H.261, H.262/MJPEG-2 Part 2, H.263, H.264/MJPEG-4 AVC, HEVC, MJPEG, MPEG-1, MPEG-4 Part 2, VP8, VP9, Theora, VC-1, WMV7, WMV8, WMV9
EXTERNAL INPUT / OUTPUT		
		Digital Input / Output 4/4, RS-485 2
AUDIO		
Audio		Two-way streaming, G.711-uLaw compression
Audio Input / Output		Supported
SUPPORTED INTERFACES		
Video Input Method		RTSP, ONVIF, Supported VMS / NVR* / PSIM* Platforms
Output Data Format		Events(TCP*, HTTP*, SMTP, VMS / NVR / PSIM Client) Metadata (XML, JSON)*
Web Interface		HTML5 via embedded web server, No plugins necessary
API		RESTful API for 3rd party integration and customization
BASIC EVENT RULES		
Event Sources		Digital Input (DI), any analytics rule
Event Actions		Digital Output (DO), Local recording, E-mail, TCP, , HTTP, and FTP, notification Local event log,
DIAGNOSTICS		
Tamper		Camera Tamper Alert, Loss of Video Input Connection Alert
SUPPORTED ANALYTICS*		
Object Tracking		Robust object tracking engine tracks through occlusion, high probability of detection, low false positive rate. Multiple modes permit optimization for intrusion detection or business intelligence tracking
Object Detection*		Detects abandoned objects left or removed from a scene
Object Counting		Accurate people and vehicle counting, even in dense scenes
Event Rules		Intrusion detection, Shake cancellation, Tamper detection, Enter & exit filters, Appear & disappear filters, Stopping filter, Dwell filter, Direction filter, Counting, Abandoned object filter*, Removed object filter*, Zones & lines, Speed filter, 3D calibration, Tailgating filter, Logical rules*, People Tracker*, Color Filter*
GENERAL		
Material / Color		Aluminum; Anodized black
Power Source/Consumption		12VDC / 15.4W @ 12VDC
Operating Conditions		14°F ~ 122°F / -10°C ~ 50°C [12VDC]
Weight		4.0lb / 1.8kg
Dimensions HxWxD		2.1"X 7" X 7.9" / 53.6mm X 176.6mm X 200mm
Certifications		ONVIF, CE, RoHs

All specifications are subject to change without notice.

GANZ