



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 intelligent analytics to existing IP 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.

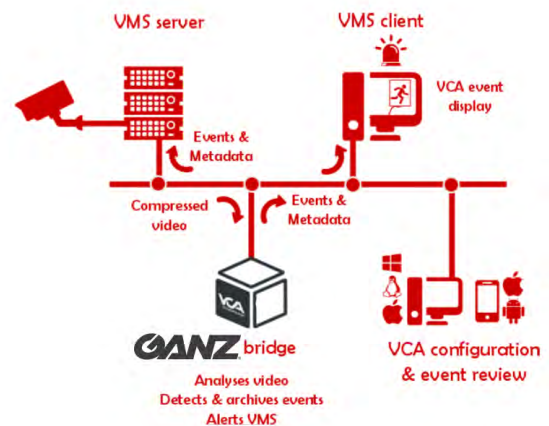
■ EDGE BASED STORAGE

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



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PART NUMBERS		ZN1A-BP3500-XX	
Channels	ZN1A-BP3500-04	4 channels @ 1080p @30fps	
	ZN1A-BP3500-08	8 channels @ 720p @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 3 rd 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 Alert	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.