Intelligent Video Analytics Solution

VCA2000BR / VCA3500BR

Technical Specifications

VCAbridge
TURNKEY ANALYTICS

All-in-One Stand-Alone Analytics Appliance

- Add analytics to existing IP and analog (with a compatible VMS) camera installations
- Supports 1 channel @ 1080p and 4 channels at D1 resolution (VCA2000BR)
  4 channels @ 1080p and up to 16 channels at D1 resolution (VCA3500BR)
- 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)

VCA2000BR

VCA3500BR

VCAbridge 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.

■ BEST-IN-CLASS ANALYTICS

Over 200,000 channels of VCA Technology's analytics have already been deployed on PC and embedded platforms. VCAbridge 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.

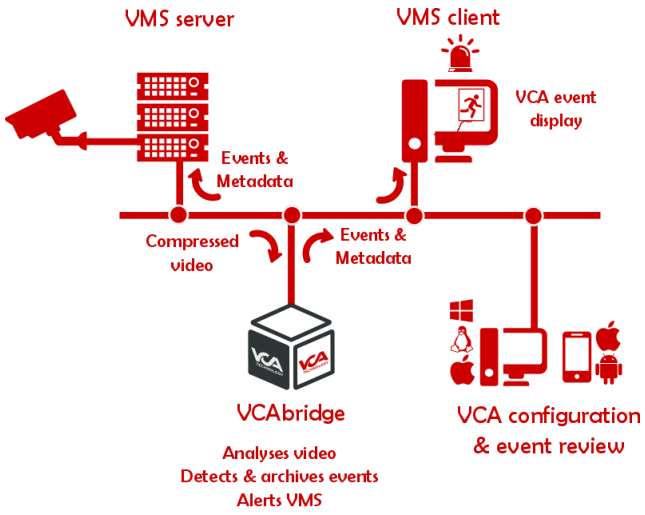
■ PLUG-AND-PLAY FOR SELECTED VMSS

VCAbridge 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.

■ OPEN STANDARD API

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

■ SYSTEM ARCHITECTURE



* Please check the availability with your account manager.

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VCA2000BR / VCA3500BR

Technical Specifications

SYSTEM		
Supported Browsers	IE*, Safari*, Chrome, Firefox* (latest versions)	
Supported Clients	PC, iPad*, iPhone*, Android	
No. Channels	**VCA2000BR**	1 channel @ 1080p30 4 channels @ D1 30fps
	VCA3500BR	4 channels @ 1080p30 8 channels @ 720p30 16 channels @ D1 30fps
Software Update	Automatic or Manual	
Supported Video Format	H.264, MJPEG	

EXTERNAL INPUT / OUTPUT		
Digital Input / Output	**VCA2000BR**	2/2
	VCA3500BR	4/4
RS-485	**VCA2000BR**	1
	VCA3500BR	2

AUDIO *	
Audio Streaming	Two-way
Audio Compression	G.711-uLaw
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
Abandoned Object Detection*	Detects 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	**VCA2000BR**	DC 12V / 9.2W @ 12VDC
	VCA3500BR	DC 12V / 15.4W @ 12VDC
Operating Condition	[DC12V]-10°C ~ 50°C (14°F ~ 122°F)	
Weight	**VCA2000BR**	0.9 kg (1.9 lb)
	VCA3500BR	1.8 kg (4.0 lb)
Approvals	CE, FCC KC (VCA2000BR)	

* Please check the availability of the items with your account manager.

Order Information

Refer to the exact model names according to the number of channel for your order.

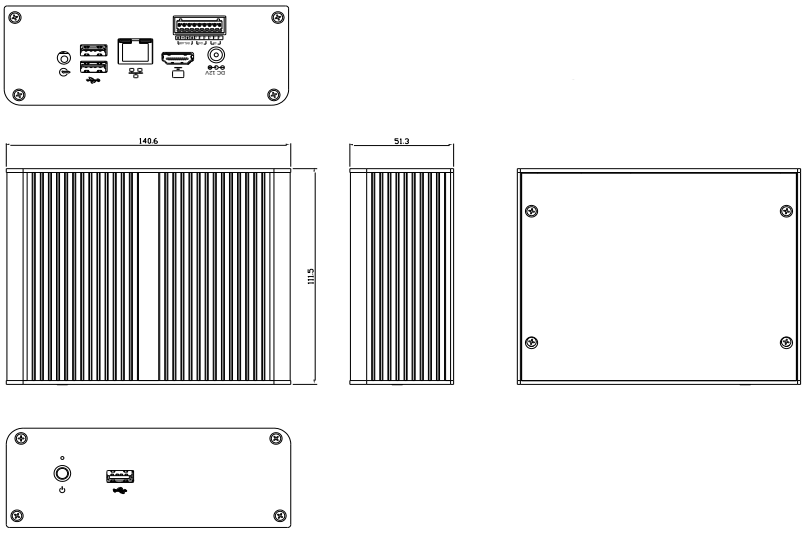
MODEL	NO. OF CHANNELS
VCA2000BR-01	1 channel
VCA2000BR-04	4 channels
VCA3500BR-01	1 channel
VCA3500BR-04	4 channels
VCA3500BR-08	8 channels
VCA3500BR-16	16 channels

Technical Specifications

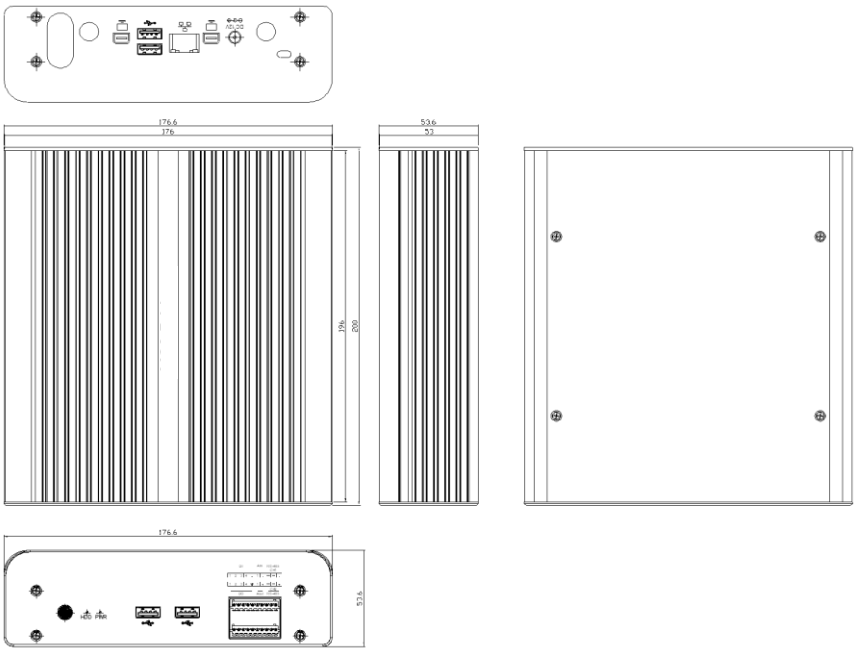
Dimensions

(Unit: mm)

VCA2000BR



VCA3500BR



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