

VIGI Cloud VMS

Applicable to: Version 1.6.x

Overview

VIGI Cloud VMS is a video management system hosted on public cloud servers. It allows centralized and remote management of security devices across multiple sites. The essential version offers not only basic features like live view, playback, event management and device management, but also advanced features like map monitoring, designer tool and multi-user permission control. It is ideal for multi-site monitoring scenarios, such as chain stores.

Key Features

Category	Module	Key Features
Web Portal	Dashboard	<ul style="list-style-type: none"> View system status and recent alert View alarm data collection and trend Quickly jump to recent viewed camera.
	Video	<ul style="list-style-type: none"> View live video and playback Quickly locate device according to site tree View camera list by real-time thumbnail Plugin-Free solution for web video play Install web plugin to unlock rich play control
	Events	<ul style="list-style-type: none"> View event history for investigation Filter by site, device, event type and time Directly play event video
	Device	<ul style="list-style-type: none"> Add device for centralized management Auto discover device in local network and add in batch Manually enter or import Device ID/SN to add device Upgrade device firmware in batch Clearly manage device by site Remotely config device parameter and set detection View device health status
	Map	<ul style="list-style-type: none"> Upload a map and mark the added device clearly Visualize the camera direction and coverage area Click to play live video on map Add virtual device on map to design project Export device list and map drawing
	Rules	<ul style="list-style-type: none"> Add rules and set trigger actions for batch configuration
	Admin	<ul style="list-style-type: none"> Add site and subsite to divide device for clear management Add multiple user to manage together Assign user to different site and set flexible permissions Detailed log to control every operation
PC Client	Live View	<ul style="list-style-type: none"> View live video for up to 64 channels at a time Add device to favorite to quickly locate Add View to quickly call up selected devices on screen
	Playback	<ul style="list-style-type: none"> Up to 9 channels playback video for investigation Easily cut video clip and download to local Filter video history by event type and period
	AI Monitoring	<ul style="list-style-type: none"> AI-Powered to snapshot human on screen Highlight the moving object on the live video Prompt windows to notify about video motion
	Event Center	<ul style="list-style-type: none"> Receive real-time alert and display on screen Quickly switch to live view to check live scene
	Download Center	<ul style="list-style-type: none"> Control the download task of video clips
VIGI APP (V2.5)	Site List	<ul style="list-style-type: none"> Centralized view site list and device health status
	Live View	<ul style="list-style-type: none"> View live video for up to 16 channels at a time
	Playback	<ul style="list-style-type: none"> View playback video for investigation Easily cut video clip and download to local Filter video history by event type and period
	Event	<ul style="list-style-type: none"> View event history for investigation Filter by site, device, event type and time
	Device Settings	<ul style="list-style-type: none"> Remotely config device parameter and set detection

Specifications

Features		Performance
Model: VIGI Cloud VMS (Essential version)		
Supported Languages		English, Japanese, Turkish, Spanish, Portuguese, Brazilian Portuguese, Traditional Chinese, French, Italian, German, Spanish(Mexico), Russian, Korean, Thai, Polish, Czech, Slovak, Hungarian, Serbian, Romanian, Bulgarian
General	Max. Org	Unlimited
	Org User	Unlimited
	Site	Unlimited
	Site Level	3 levels (Organization-site-subsite)
Devices	Max. Channel	Unlimited for VIGI device, 64 channels for third-party camera added through VIGI NVR.
	Site Channel	256 channels per site
Video	Live View	16-ch synchronous live view on web portal and VIGI App, 64-ch on PC client
	Playback	1-ch playback on Web Portal and VIGI APP, 9-ch playback on Web Plugin and PC Client
	Favorite Device	256
Log	Log Retention	90 days (up to 1,000,000)
Events & Rules	Events Retention	180 days (up to 1,000,000)
	Device Rules	1,000,000
	Rules History	90 days (up to 1,000,000)
Map	Map file size	10MB
	Map number	Unlimited
	Map Marker	300 for each map

System Requirements

Features	Requirements
Operating System	Microsoft Windows Server 2008 (32-bit, 64-bit) Microsoft Windows 7 (32-bit, 64-bit) Microsoft Windows 10 (32-bit, 64-bit) Microsoft Windows 11 (32-bit, 64-bit) Mac OS Big Sur 11.0 and above (do not support PC Client and Web Plugin)
CPU	Intel Core i5 Processor and above
Memory	4GB and above
Browser Version	Google Chrome 107 and above Firefox 106 and above (Web plugin is required for video) Microsoft Edge 106 and above (Web plugin is required for video)
Resolution	1920*1080 and above

Live View Performance (Web Plugin)

H.264								
Resolution	Bit Rate	Frame Rate(fps)	CPU: i3-10100 Graphics Card: 630 Windows 10 64-bit			PU: i5-12400 Graphics Card: 730 Windows 10 64-bit		
			Channels	CPU(%)	Memory(MB)	Channels	CPU(%)	Memory(MB)
LQ (480P)	512	25	16	44-53	1207	16	35-52	2768
HQ (4MP)	3584	25	8	79-95	1521	9	28-43	4028
H.265								
Resolution	Bit Rate	Frame Rate(fps)	CPU: i3-10100 Graphics Card: 630 Windows 10 64-bit			CPU: i5-12400 Graphics Card: 730 Windows 10 64-bit		
			Channels	CPU(%)	Memory(MB)	Channels	CPU(%)	Memory(MB)
LQ (480P)	512	25	16	34-52	1188	16	39-44	4658
HQ (4MP)	3584	25	8	60-87	1424	10	39-52	4004

Live View Performance (PC Client)

H.264 (Hardware Decoding)

Resolution	Bit Rate	Frame Rate(fps)	CPU: i3-10100 Graphics Card: 630 Windows 10 64-bit			PU: i5-12400 Graphics Card: 730 Windows 10 64-bit		
			Channels	CPU(%)	Memory(MB)	Channels	CPU(%)	Memory(MB)
LQ (480P)	512	25	26	50-70	1900+	43	80-90	6900+
HQ (4MP)	3584	25	8	80-90	2700+	10	20-30	3200+

H.265 (Hardware Decoding)

Resolution	Bit Rate	Frame Rate(fps)	CPU: i3-10100 Graphics Card: 630 Windows 10 64-bit			CPU: i5-12400 Graphics Card: 730 Windows 10 64-bit		
			Channels	CPU(%)	Memory(MB)	Channels	CPU(%)	Memory(MB)
LQ (480P)	512	25	44	60-90	1700+	48	60-90	6900+
HQ (4MP)	3584	25	8	70-90	1600+	10	30-40	3400+