

VIGI VMS Software

Applicable to: Version 1.5.14

Overview

VIGI VMS Software is designed to configure and manage TP-Link VIGI IP Cameras and NVR devices in a unified and intuitive manner. It provides multiple functions, including real-time live view, video recording, video footage search and playback, events and alarm notifications, etc.

Key Features

Category	Module	Key Features
Service Manager	Service List	<ul style="list-style-type: none"> • View services running status • Config service port • Restart or stop service
Web Portal	Dashboard	<ul style="list-style-type: none"> • View system status and recent alert • View alarm data collection and trend • Quickly jump to management module
	Video	<ul style="list-style-type: none"> • View live video and playback • Quickly locate device according to site tree • 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 • Remotely add device via public Internet • Upgrade device firmware in batch • Clearly manage device by site • Remotely config device parameter and set detection
	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 • Set event rules to custom an event for "No motion detected"
	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"> • View playback video for investigation • Easily cut video clip and download to local • Add video clips directly to the Evidence Collection • 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 • Click to view event video and quickly save as evidence • Quickly switch to live view to check live scene
	Download Center	<ul style="list-style-type: none"> • Control the download task of video clips
	Evidence Collection	<ul style="list-style-type: none"> • Save and manage video clips to VMS as evidence

Specifications

Features		Performance
Model: VIGI VMS. Database: MongoDB		
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, Ukrainian
General	Org Owner	1
	User	50
	Site	100
	Site Level	3 levels (Organization-site-subsite)
	Site Member	50 members for each site
Devices	Channel	256 IPC channels for free, expandable by project
Video	Live View	64-ch live view at a time on one screen
	Playback	4-ch playback at a time
	Favorite Device	256
Log	Log number	1,000,000
Events & Rules	Device Events	1,000,000
	Custom Events	1,000,000
	Device Rules	100
	Event Rules	100
	Rules History	10000
Map	Map file size	5MB
	Map number	2048
	Map Marker	100 for each map
Evidence	Evidence Type	100
	Result Type	100
	Evidence number	10,000
	File size	100MB for each file
	File number	20 for each evidence
	Custom Tag	10 for each evidence

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)
CPU	Intel Core i5 Processor and above
Memory	4GB and above
Browser Version	Microsoft Edge 106 and above Google Chrome 107 and above Firefox 106 and above
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+

Compatibility List

Category	Model	Firmware Version (and above)
IPC	C220I 1.0 C320I 1.0 C420I 1.0	2.0.0_Build_231123_Rel.55907n
	C230I 1.0 C330I 1.0 C430I 1.0	2.0.0_Build_231128_Rel.66676n
	C240I 1.0 C340I 1.0 C440I 1.0	2.0.0_Build_231123_Rel.56012n
	C230 1.0 C330 1.0 C430 1.0	2.0.0_Build_231201_Rel.55116n
	C240 1.0	2.0.0_Build_231122_Rel.36207n
	C340 2.0	2.0.0_Build_231121_Rel.79722n
	C440 2.0	2.0.0_Build_231122_Rel.36184n
	C540 2.0	2.0.0_Build_231124_Rel.55573n
	C250 1.0	2.0.0_Build_231130_Rel.62089n
	C250 1.0 C350 1.0 C450 1.0	2.0.0_Build_231130_Rel.62043n
	C245 1.0 C345 1.0 C445 1.0	2.0.0_Build_231122_Rel.63732n
	C255 1.0 C355 1.0 C455 1.0	2.0.0_Build_231122_Rel.63765n
	C285 1.0 C385 1.0 C485 1.0	2.0.0_Build_231122_Rel.63716n
	C540S 1.0	2.0.0_Build_231128_Rel.58968n
	C340S 1.0	2.0.0_Build_231128_Rel.58941n
	C230I-Mini 1.0	2.0.0_Build_231128_Rel.66839n
	C540V 1.0	2.0.0_Build_231214_Rel.67097n

NVR	NVR1004H 1.0	1.0.1 Build231224 Rel.53452n
	NVR1004H-4P 1.0	1.0.3 Build231224 Rel.53452n
	NVR1104H-4P 1.0	1.0.3 Build231224 Rel.53452n
	NVR1008H-8P 1.0	1.0.2 Build 231224 Rel.53421n
	NVR1008H-8MP 1.0	1.0.4 Build 231224 Rel.53421n
	NVR2016H-16P 1.0	1.0.2 Build 231221 Rel.45499n
	NVR2016H-16MP 1.0	1.0.2 Build 231221 Rel.45499n
	NVR1016H 1.2	1.0.3 Build 231221 Rel.45499n
	NVR1008H-8P 1.2	1.0.1 Build 231221 Rel.45499n
	NVR2016H 1.2	1.0.1 Build 231221 Rel.45499n
	NVR2008H-8MP 1.0	1.0.0 Build 231221 Rel.45499n
	NVR1008H 2.2	1.0.1 Build 231221 Rel.45499n
	NVR1008H-8MP 1.2	1.0.1 Build 231221 Rel.45499n
	NVR4032H 1.0 (Limited support)	1.0.3 Build 231204 Rel.67614n

System Topology

