

VAST Security Station

Manage videos in an effortless and intelligent way

Product Description

VAST Security Station (VSS) is a video management software with an intuitive, user-friendly interface designed to help customers efficiently set up and manage projects. Its centralized management supports easy scalability, from single shops to multi-site deployments, while seamlessly integrating with VIVOTEK's wide range of network devices, such as cameras, NVRs, PoEs, and IP audio systems, to meet various surveillance needs. Additionally, VSS incorporates VIVOTEK's exclusive Vision Object Analytics, offering rapid, precise object tracking and search capabilities. With VSS, managing your surveillance system becomes effortlessly intelligent.

Diverse Feature Support



Deep Search



Alarm/
Notification



TCP Message



Data Magnet



Digital
Watermark



Video Export
Encryption



Video Recording
Encryption



GIS/GPS



E-map



Matrix

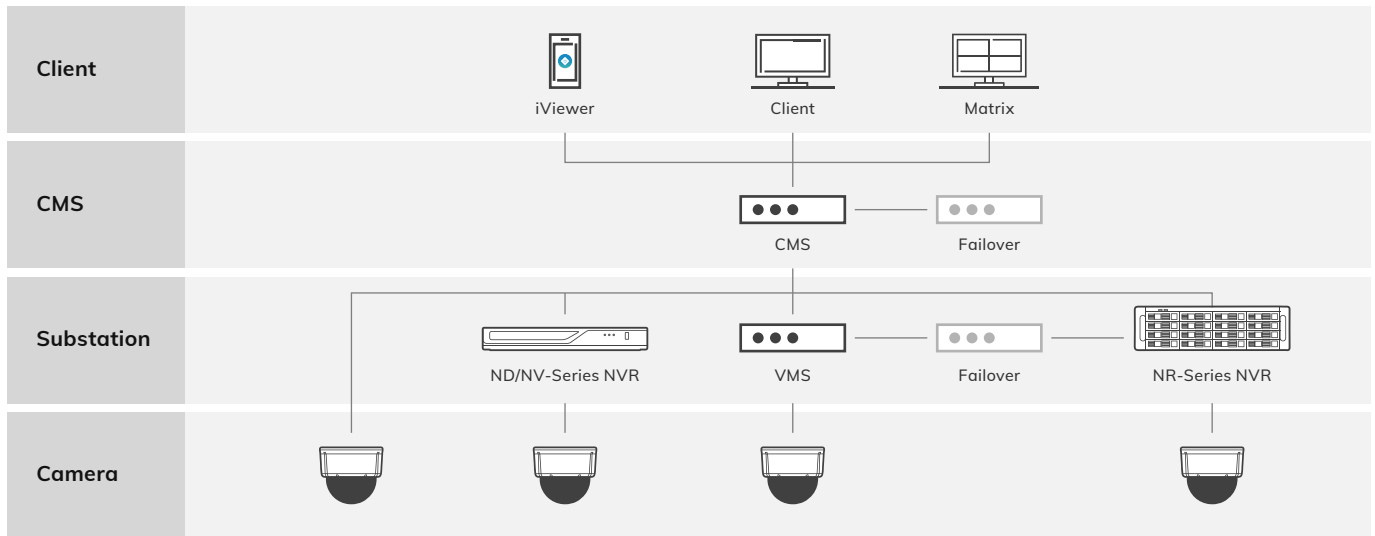
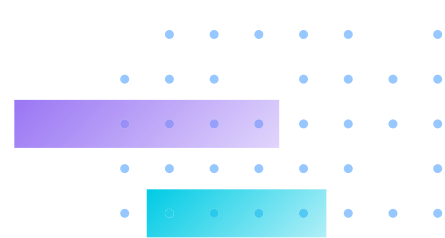


CMS/Substation
Failover



Dashboard





Specification

Product Edition	 VSS Lite	 VSS Std	 VSS Pro
	VSS Lite	VSS Standard	VSS Professional
Product Overview	Free entry-level VMS for basic surveillance needs	Cost-effective solution for small and mid-size business	Designed for mid-size to large-scale projects requiring central management and 24/7 operations
Software Version	1.6		
System			
Deployment			
Maximum Number of Cameras Per Server ¹	32	256	320
Maximum Number of Clients Per Server	200 ²		
Maximum Number of Simultaneous Video Streaming Output Per Server	2,048 ³		
Maximum Number of Substations Per System	0	64 ⁴ (ND/NV series NVR)	700 (ND/NV series NVR, VSS Pro NR series NVR, VSS Professional Station)
Maximum Number of Cameras Per System	32	256	22,400 ⁵
Licensing ⁶			
Complimentary Camera License	32 (VIVOTEK cameras only)	8	0
Platform			
Server	Windows	Windows 11 (64-bit), Windows 10 (64-bit, version 22H2) ; Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported)	
	Virtual Machine	-	• (VMware®, Microsoft® Hyper-V®)
Client	Desktop Application	Windows 11 (64-bit), Windows 10 (64-bit, version 22H2); Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported); macOS Sequoia 15, macOS Tahoe 26 ⁷	
	Web Browser	Google Chrome 128 or later; Microsoft Edge 128 or later	
Mobile APP	iViewer (iOS/Android)		

1. Please refer to the system requirements when designing your surveillance deployments.

2. This number may vary depending on system workload and network bandwidth

3. The number of video streaming outputs a server can handle at the same time depends on the system workload and network bandwidth.

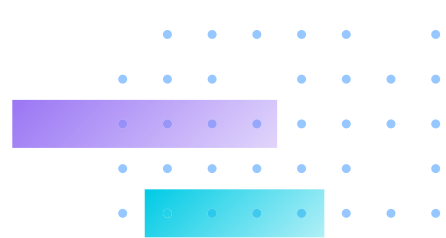
4. The number of substations per system is limited by the maximum number of cameras per system.

5. The maximum number of cameras per system is obtained by 320 cameras per server X 70 substations per system or 32 cameras per server X 700 substations per system.

Maximum camera counts are theoretical system limits and depend on server sizing, recording profiles, analytics load, network topology, storage throughput, and client viewing patterns.

6. Please refer to the "License Overview" section for further information.

7. The limitations of macOS client: (1) Supports only 3GP as the exported video format; (2) AD login cannot be set up in macOS client; (3) Only supports the joystick AJ-001; (4) Only supports one-way audio; (5) Does not support standalone player; (6) Does not support third-party fisheye dewarping.



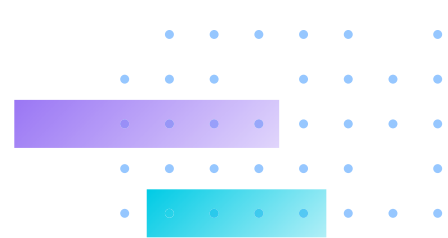
Specification

Language			
Language		Arabic, Czech, English, French, German, Italian, Japanese, Korean, Portuguese, Persian, Polish, Russian, Simplified Chinese, Spanish, Thai, Traditional Chinese, Turkish, Vietnamese, Hebrew	
General			
Video			
Video Format		MJPEG, MPEG4, H.264, H.265	
Video Resolution		Up to 12 Megapixels	
Audio			
Audio Format		G.711, G.726, AMR, MPEG-2 AAC-LC	
Audio Capability		Two-way audio	
Key Features			
Live View			
Maximum Number of Display Channels Per Monitor ⁸		64	
Multicasting of Live Streams from Servers to Clients		•	
Display Layout Option	Equal	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8	
	Panorama	1P+6, 2P, 2P+3, 3P	
	Focus	1+12, 1+16, 1+3, 1+5, 1+7, 1+9, 2+8	
	Vertical	1V+6, 2V+2, 2V+3, 3V, 3V+4, 4V, 4V+4, 5V	
Custom Layout		•	
Camera Tour		•	
View Cell Source		Camera streaming, E-map, webpage	
Fisheye Display Mode		1O, 1P, 1R, 1O3R, 4R, 2P, 4R Pro, 1O8R	
3 rd Party Fisheye Dewarping		-	•
Multi-Sensor Display Mode		1P, 1R, 1P2R, 1P3R	
Display Watermark		•	
Recording			
Maximum Number of Recording Channels Per Recording Group ⁹		32	256
Additional Recording Time for Event Recording		Pre-event recording time: 3 ~ 15 (sec.); Post-event recording time: 10 ~ 60 (sec.)	
Recording Stream Type		Unicast	
Recording Stream		Dual	
Recording Mode		Continuous, customized schedule, event	
Activity Adaptive Streaming		•	
Recycle Options		By remaining storage space, by the set number of days	
Recording File Format		3GP	
Recording on edge storage ¹⁰		• (Setup via VSS is exclusive to VSS Pro)	
Video Encryption			
Digital Watermark		•	
Exported Video Encryption		• (AES-256 CTR)	
Recording Encryption		-	• (AES-256 CTR)

8. The maximum number of monitors depends on the capability of your system.

9. Please refer to system requirements when designing your surveillance deployments.

10. The recording on edge storage requires camera compatible with profile G. For details, please refer to the user manual.



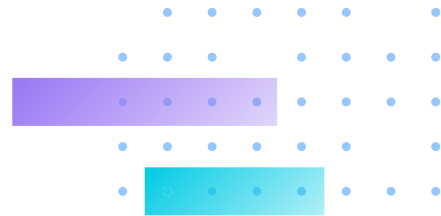
Specification

Playback				
Maximum Number of Display Channels Per Monitor ¹¹		64		
Display Layout Option	Equal	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8		
	Panorama	1P+6, 2P, 2P+3, 3P		
	Focus	1+12, 1+16, 1+3, 1+5, 1+7, 1+9, 2+8		
	Vertical	1V+6, 2V+2, 2V+3, 3V, 3V+4, 4V, 4V+4, 5V		
Custom Layout		●		
Playback Source		Recording group, edge recording		
Playback Mode		Asynchronous, synchronous		
Playback Control		1/64X ~ 64X speed control, next/previous frame, pause, play, rewind, stop		
Playback Timeline		Event timeline interval display, scale adjustment		
Display Watermark		●		
Search				
Bookmark Search		●		
Calendar Search		●		
Event Search		●		
Thumbnail Search		●		
Log Search		●		
Data Magnet Search		-	●	●
Alarm Search		-	●	●
Smart Search		-	●	●
Deep Search ¹²	Object Search	-	● (People, vehicle)	● (People, vehicle)
	Attribute Search	-	● (People: gender, age, clothing color, accessories; Vehicle: license plate search, type, color)	● (People: gender, age, clothing color, accessories; Vehicle: license plate search, type, color)
	Scene Search	-	● (Line crossing, intrusion, loitering)	● (Line crossing, intrusion, loitering)
	Re-Search ¹³	-	-	● (People: search by similar appearance; Vehicle: search by identical license plate)
	Case Vault	-	-	●
Export				
Exported Snapshot Format		JPEG, PNG		
Exported Video Format		3GP, AVI		
Exported Video Mask		-	-	●
VIVOTEK Standalone Player				
Layout		Single, multiple		
Custom Layout		According to playback export layout configuration		
Supported Video Format		3GP, MP4		
Playlist Control		Drag and drop, play and delete selected or all videos		
Playback Mode		Asynchronous, synchronous		
Playback Control		1/64X ~ 64X speed control, next/previous frame, pause, play, rewind, stop		
Playback Timeline		Event timeline interval display, scale adjustment		
Snapshot		JPEG, PNG		
Exported Video Format		3GP		

¹¹ The maximum number of monitors depends on the decoding capability of your system.

¹² Please note that (1) The number of cameras a server can search is limited by your system capability; (2) The supported Deep Search features may vary depending on the specifications of camera models and ND/NV series NVRs. Please refer to https://www.vivotek.com/product_selector; (3) An object can generate approximately 0.25 MB of data. For mid-to-high activity scenes, such as parking lots, with about 10 objects per minute, the data capacity can take up approximately 150 MB of storage space per hour per camera.

¹³ Please note that (1) the CPU and disk performance will influence the search speed; (2) a broader search time frame and more selected cameras require a longer search time and may reach a 90-second timeout.

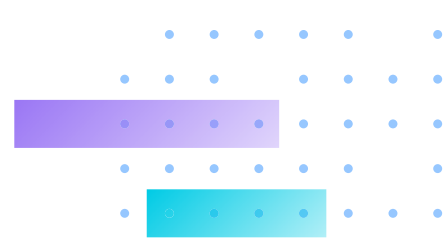


Specification

Alarm Management					
Maximum Alarm Period			-	30 (sec.)	30 (sec.)
Schedule Type			-	Continuous, schedule	Continuous, schedule
Alarm Trigger Type	Camera Event	General	-	Audio detection, camera DI/DO, camera disconnected, IR (Infrared), motion detection, PIR (Passive infrared), recording error, SD card life expectancy detection, shock detection, stop recording, tampering detection, temperature, video loss (Video server only)	
		Video Content Analysis	-	Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection, crowd detection, running detection, parking violation detection, restricted zone detection, smart tracking, zone detection	
		Trend Micro IoT Security	-	Brute force attack, cyberattack, quarantine	
		List Management	-	-	List management
		Thermal Camera Event ¹⁴	-	Intrusion, Multi-loitering, Fire spot detection, Smoker detection, Smoke and flame detection, Temperature threshold, Temperature difference, Temperature rise, Temperature section	
	System Event	ND series NVR	-	Storage failure, storage full, network disconnected, fan status, brute force attack, cyberattack, quarantine	
		NV series NVR	-	Storage failure, storage full, network disconnected, abnormal g-sensor motion, speeding, GPS disconnected	
		NR series NVR and VSS Professional Station	-	-	Storage failure, storage full, network disconnected
		Counting Report	-	Number of remaining people ¹⁵	
	External Device Event		-	Data Magnet, I/O box DI/DO, TCP message, virtual trigger	
Alarm Action			-	Add bookmark, go to camera presets, go to e-map, play audio file with network audio device, set DO status, start to record video, send email with snapshot, send HTTP requests (GET/POST method), send live streaming, send mobile notification (iViewer), sound the alarm	
Alarm Result Display			-	By list, by thumbnail	By list, by thumbnail
Alarm Search Filter			-	Time, trigger type, status, name, trigger source	Time, trigger type, status, name, trigger source
Alarm Status			-	New, in progress, false alarm, close	New, in progress, false alarm, close
Alarm Result Export			-	3GP, CSV	3GP, CSV
Additional Time for Exported Alarm Clip			-	Pre-triggered: 1 ~ 10 (min.); Post-triggered: 1~60 (min.)	Pre-triggered: 1 ~ 10 (min.); Post-triggered: 1~60 (min.)
PTZ					
Supported Zoom Type			Digital zoom, optical zoom		
PTZ Control Mode	Pan and Tilt Control		Mouse drag and move, click to move	Mouse drag and move, click to move, joystick	Mouse drag and move, click to move, joystick
	Zoom Control		Area zoom, button, mouse wheels	Area zoom, button, mouse wheels, joystick	Area zoom, button, mouse wheels, joystick
PTZ Operation			Home, preset, patrol, auto pan, auto focus, manual focus, focus speed, zoom speed, tracking		
Tracking Mode			Auto tracking, Smart Tracking Advanced		
E-map					
Supported Image Format			-	BMP, GIF, JPG, PNG, SVG	BMP, GIF, JPG, PNG, SVG
Supported Items			-	Camera, DI/DO (Camera, NVR), regional map	Camera, DI/DO (Camera, NVR), regional map
Map Control			-	Tilt angle adjustment, zoom in/out	Tilt angle adjustment, zoom in/out
Map Elements Control			-	Add and remove items (Camera, DI/DO, regional map), click icon for live view/ playback/ PTZ control, FOV direction adjustment, icon/ FOV color, icon/ FOV type	Add and remove items (Camera, DI/DO, regional map), click icon for live view/ playback/ PTZ control, FOV direction adjustment, icon/ FOV color, icon/ FOV type
Alarm Notification			-	Video prompt	Video prompt

14. Thermal camera event only supported by TB9332/TB9333/TT9333 series.

15. This feature requires appropriate configuration on the counting camera and Counting Report.



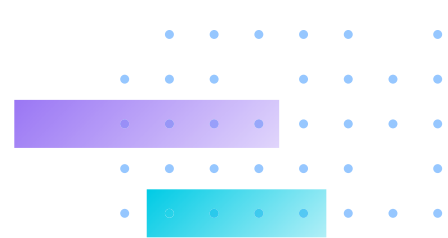
Specification

List Management				
Recognition Category		-	-	Face, license plate
List Enrollment to Cameras		-	-	•
Maximum Number of Lists per Server		-	-	100
Maximum Number of Members per List ¹⁶		-	-	Face: 10,000; License Plate: 20,000
Supported VIVOTEK Cameras		-	-	VIVOTEK AI cameras supporting real-time Facial Recognition (FR) module, purpose-built cameras: FD9387-FR-V2, FD9387-FR-V3, IB9387-LPR-V2 (N) series, IB9387-LPR-V2 (V) series, IB9387-LPR-V3 (N) series, IB9387-LPR-V3 (V) series, IP9165-LPR-V2 series
Video Content Analysis				
Counting Report		-	•	•
Backup				
External Network Storage		NAS (SMB/CIFS), iSCSI		
Backup Settings		Select cameras, schedule, upload limit		
Video Wall				
Matrix		-	-	•
User Management				
Maximum Number of User Accounts Per Server		4,096		
User Account Management		Basic user account, Windows Active Directory user account		
User Role	Administrator	•		
	Customizable	•		
	User Pre-defined	-	-	•
User Permission Management		Accessible devices, views, configuration, operation		
Failover				
Server Type	As a CMS or Single Server	-	-	1 + 1 redundancy
	As a Substation	-	-	N x M redundancy
System Monitoring				
System Monitoring Dashboard	Server Status	CPU, memory, network, storage		
	System Error List	•		
Health Monitoring Service	Device Monitoring and History	-	-	•
	Remote Access by VIVOTEK Premium Partner Portal	-	-	•
	Supported VIVOTEK Devices	-	-	Camera: VIVOTEK 9000 series; PoE: VIVOCAM L2 Managed PoE switches (AW-GEV-108A-130, AW-GEV-288A-370), Lite Managed PoE switches (AW-GEL-065A-060, AW-GEL-105A-110, AW-GEL-205A-260, AW-GEL-285A-380); Server ¹⁷ : VIVOTEK ND 9000 series NVR, VSS Pro NR series NVR, VSS Professional Station
Diagnostic Service		•		
Log Management		•		

16. The maximum number of members per list is restricted by the supported VIVOTEK cameras.

17. Please refer to the VIVOTEK website: Resources > Download Center > Software & App > Analytic Chart for the complete list of supported capabilities, models and VCA package versions.

18. This feature requires both your CMS station and VSS substations to be version 1.3 or later.

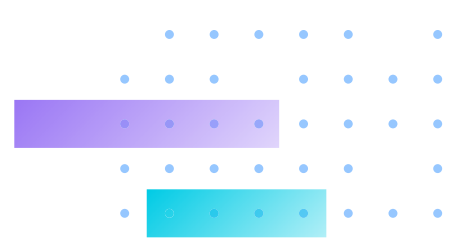


Specification

Maintenance				
VSS Substation Software Remote Upgrade ¹⁸		-	-	•
Cloud Service				
VORTEX Connect		•	•	•
VIVOTEK Premium Partner Portal		-	-	• (By Health Monitoring)
Web Client				
Live View				
Display Layout Option	Equal	1x1, 2x2, 3x3, 4x4		
	Panorama	1P+3, 1P+6, 2P+3		
	Focus	1+5, 1+7, 1+12		
	Vertical	1V+6, 2V+3, 3V		
Fisheye Display Mode		1O, 1R, 1P		
Control and Display ¹⁹		Audio, digital zoom, image, PTZ, stream		
Integration and Compatibility				
3 rd Party Integration				
Data Magnet	Data Source Type	-	Access control, POS, standard data source, VIVOTEK License Plate Recognition	Access control, POS, standard data source, VIVOTEK License Plate Recognition
	Data Display on View Cell	-	•	•
	Search Result Display	-	By list, by chart	By list, by chart
	Search Result Exported File Format	-	CSV, PNG	CSV, PNG
TCP Message		-	•	•
Network Audio Solution		-	Trigger recorded announcements; Speak live directly; Broadcast (By group, by schedule)	Trigger recorded announcements; Speak live directly; Broadcast (By group, by schedule)
Transportation Solution		-	-	GIS Maps (Google Map, Open Street Map (OSM)); User-defined maps; Vehicle GPS tracking; Tracks playback
Device Compatibility				
Camera ²⁰		VIVOTEK 9000 series		
Substation		-	VIVOTEK ND/NV 9000 series NVR	VIVOTEK ND/NV 9000 series NVR, VSS Pro NR series NVR, VSS Professional Station
Joystick		-	VIVOTEK Joystick AJ001, AJ002	VIVOTEK Joystick AJ001, AJ002
Network Audio Device		-	VIVOTEK AU-001, AU-002, AU-003, AU-004	VIVOTEK AU-001, AU-002, AU-003, AU-004
Wiegand Converter		-	VIVOTEK AO-20W	VIVOTEK AO-20W
I/O Box		-	Advantech ADAM-6000 series; Chiyu CYT-133SC; MOXA ioLogik E1210, E1211, E1212, E1214	Advantech ADAM-6000 series; Chiyu CYT-133SC; MOXA ioLogik E1210, E1211, E1212, E1214
Access Control		-	Chiyu CSS-R11 (Expanded by CSS-A11); SOYAL AR-837 series; ZKTeco SpeedFace-V4L	Chiyu CSS-R11 (Expanded by CSS-A11); SOYAL AR-837 series; ZKTeco SpeedFace-V4L
POS		-	ARCH	ARCH
Managed PoE Switch		-	VIVOTEK L2 Managed PoE switches (AW-GEV-108A-130, AW-GEV-288A-370), VIVOTEK Lite Managed PoE switches (AW-GEL-065A-060, AW-GEL-105A-110, AW-GEL-205A-260, AW-GEL-285A-380, AW-IHB-1040)	VIVOTEK L2 Managed PoE switches (AW-GEV-108A-130, AW-GEV-288A-370), VIVOTEK Lite Managed PoE switches (AW-GEL-065A-060, AW-GEL-105A-110, AW-GEL-205A-260, AW-GEL-285A-380, AW-IHB-1040)

19. Please refer to the user manual for more information.

20. For supported camera models, please refer to https://www.vivotek.com/products/software/device_pack.

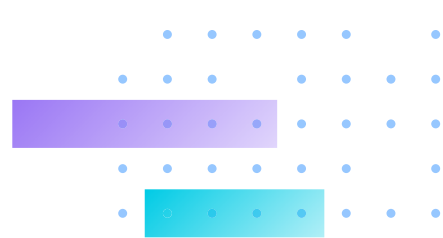


Specification

Camera Integration					
Video Source			VIVOTEK	VIVOTEK, ONVIF, RTSP	VIVOTEK, ONVIF, RTSP
VIVOTEK Camera	Settings	Basic	Camera name, streaming protocol (TCP,UDP,HTTP,HTTPS)		
		Video	Video codec, resolution, maximum frame rate, intra frame period, video quality, target bit rate, policy (Frame rate priority, image quality priority), Smart Stream		
		Image	Color mode, mount type (Fisheye lens only), power line frequency, timestamp, video title, video orientation		
ONVIF Camera	Profile		-	Profile S, T	Profile S, T
	Video		-	H.265, H.264, MPEG4, MJPEG	H.265, H.264, MPEG4, MJPEG
	Audio	Format	-	G.711, G.726, MPEG-2 AAC-LC	G.711, G.726, MPEG-2 AAC-LC
		Capability	-	One-way audio	One-way audio
	Image		-	Brightness, Color Saturation, Contrast, Sharpness	Brightness, Color Saturation, Contrast, Sharpness
	Network		-	DHCP/Fixed IP	DHCP/Fixed IP
	Control		-	PTZ control (Up, down, left, right, zoom in/out)	PTZ control (Up, down, left, right, zoom in/out)
	Discovery		-	•	•
	Event		-	Motion, camera DI/DO, video lost (Video server only)	Motion, camera DI/DO, video lost (Video server only)
NVR Integration					
Add NVR	Auto Scan		-	•	•
	Manual		-	•	•
	From VIVOCLOUD		-	•	•
Camera Settings ²¹			-	•	•
Managed PoE Switch Integration					
Add Managed PoE Switch	Manual		-	•	•
Web Configuration ²²			-	•	•

21. This feature is only compatible with ND 9000 series NVRs with firmware version 4.3 or later.

22. The web configuration interface may be different across supported models.



License Overview

Single Server				
System Architecture		VSS Standard		VSS Professional
Cameras under Single VSS Server	≤ 8 CH	Free-of-charge		VSS Pro Camera License
	> 8 CH*	VSS Std Camera License		
Multi-Server				
System Architecture		VSS Standard		VSS Professional
Cameras under CMS Server	≤ 8 CH	Free-of-charge		VSS Pro Camera License
	> 8 CH*	VSS Std Camera License		
Camera under ND/NV Series Substations	≤ 192 CH	Free-of-charge		VSS Embedded NVR Camera License (Requires on CMS server)
	> 192 CH*	VSS Embedded NVR Camera License (Requires on CMS server)		
Cameras under VSS Substations	≥ 1 CH*	Not supported**		VSS Pro Camera License (Requires on each substation)

* The limitations on the maximum camera channels per server and per system vary among different editions. Please refer to the system requirements when designing your surveillance deployments.

**Please upgrade VSS Standard to VSS Professional by purchasing VSS Std-to-Pro upgrade licenses.

[Note] For VIVOTEK cameras with multiple channels, the system recognizes them as a single device, therefore only single camera license is required.

System Requirements

VSS VMS Server (Recording Only)				
Server Capacity*****	Up to 64-CH	Up to 128-CH	Up to 256-CH	Up to 320-CH
Operating System	Windows 11 (64-bit), Windows 10 (64-bit, version 22H2) Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported)			
Windows Server 2022, 2019, 2016 (Server Core installation type is not supported)	8th Generation Intel® Core™ i3 Processors desktop version (i3-8100) or above*		8th Generation Intel® Core™ i7 Processors desktop version (i7-8700) or above*	
RAM	8 GB or above		16 GB or above**	
Total Storage Throughput***	288 Mbps	576 Mbps	1152 Mbps	1440 Mbps
Network Interface****	Ethernet, 1 Gbps or above		Ethernet, 2.5 Gbps or above	

VSS CMS Server (Central Management Only)	
Operating System	Windows 11 (64-bit), Windows 10 (64-bit, version 22H2) Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported)
CPU	8th Generation Intel® Core™ i7 Processors desktop version (i7-8700) or above*
RAM	16 GB or above**
Network Interface ****	Ethernet, 2.5 Gbps or above****

* It is recommended to keep the CPU usage below 80% in normal operating conditions to prevent excessive system load and potential abnormalities in certain situations.

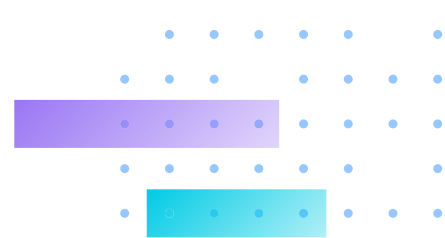
** Please use a dual-channel memory configuration.

*** The total storage throughput refers to 4KB random write throughput. The combined maximum bitrate of cameras cannot exceed the total storage throughput.

**** Please consider the throughput for viewing and recording, as well as the server network bandwidth, when designing your surveillance deployments.

***** When Dual Stream Recording is enabled, each camera will consume system resources (CPU, RAM, storage throughput, and network bandwidth) equivalent to an additional camera. For capacity planning, count each enabled dual stream as two channels.

[Note] The camera settings in the above table are tested by H.264, 1080P, CBR, and 4 Mbps for each channel; the actual situation depends on the users' system status.



System Requirements

VSS Client & Matrix (Display Only)				
Operating System		Windows 11 (64-bit), Windows 10 (64-bit, version 22H2) Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported)* macOS Sequoia 15, macOS Tahoe 26 (VSS Client Only)		
CPU		8th Generation Intel® Core™ i3 Processors desktop version (i3-8100) or above	8th Generation Intel® Core™ i5 Processors desktop version (i5-8500) or above	8th Generation Intel® Core™ i7 Processors desktop version (i7-8700) or above
Maximum Display Channels per Client/Matrix	H.264, 720P, 2Mbps for each channel**	8-CH	16-CH	32-CH
	H.264, 1080P, 4Mbps for each channel***	6-CH	10-CH	18-CH
	H.265, 1080P, 4Mbps for each channel	3-CH	5-CH	9-CH
RAM****		8GB or above	8GB or above	16GB or above
Graphics Card*****		Support Direct3D Acceleration with 1GB Video RAM		
Network Interface		Ethernet, 1Gbps or above		

VSS Web Client				
Operating System		Windows 11 (64-bit), Windows 10 (64-bit, version 22H2) Windows Server 2025, 2022, 2019, 2016 (Server Core installation type is not supported)* macOS Sequoia 15, macOS Tahoe 26		
Supported Browsers		Google Chrome 128 or later; Microsoft Edge 128 or later		
CPU		8th Generation Intel® Core™ i7 Processors desktop version (i7-8700) or above		
Maximum Display Channels per Client	H.264, 720P, 2Mbps for each channel**	16-CH		
	H.264, 1080P, 4Mbps for each channel***	12-CH		
	H.265, 1080P, 4Mbps for each channel	9-CH		
RAM****		16GB or above		
Graphic Card*****		Support Direct3D Acceleration with 1GB Video RAM		
Network Interface		Ethernet, 1Gbps or above		

*Independent graphics card is necessary when using Windows Server OS.

** Display requirements of 3MP fisheye camera equal to 720P camera.

*** Display requirements of 5MP fisheye camera equal to 1080P camera.

**** Please use a dual-channel memory configuration.

***** Please update to the latest GPU driver.

[Note]

1. Virtual machines may experience a slight decrease in performance compared to real hardware. It is recommended to use virtual machines with specifications equal to or better than the corresponding physical hardware when installing VSS server or client.

2. If you plan to install both VSS Server & Client on the same PC, please consider the combined loading when evaluating system requirements.