HIKVISION®

The Backbones for Security Applications
Hikvision Servers

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Meet Hikvision Servers

For small and medium-sized business security projects, as the business grows, it becomes critical to effectively manage multiple devices. Therefore, efficient Video Management Systems (VMS) and robust hardware support are essential in creating a reliable and scalable security infrastructure.

Hikvision's server products are great boosters for security business. High-end CPU processors, compact design, and unique heat dissipation ensure efficient and stable operation among various business modules. From device delivery to after-sales support, Hikvision aims to provide users with a seamless end-to-end professional experience.

Why Hikvision Servers

Ready-to-use Solutions

HikCentral VMS Servers combine hardware and software products to give customers a cost-effective and comprehensive solution.
• Plug and play: No additional activation is required, and it is ready to use right out of the box
• Easy to use: Pre-installed Windows operating system, easy to operate and deploy

Plug-and-play	Easy-to-use	Pre-installed software	Pre-activated license	Direct capacity expansion

Product Categories

HikCentral VMS Servers

HikCentral VMS Servers come with HikCentral Professional software, and pre-activated licenses are installed by default. There are two types of products: **rackmount servers** and **tower workstations**. Rackmount servers are 24/7 running for medium- to large-scale projects with hundreds of accesses. The tower workstations can be used as both a server and control client for small and medium-sized projects.

General Purpose Servers

General Purpose Servers offer rich and flexible options to adapt to a wider range of project business opportunities, powering your systems and keeping them running efficiently with high-density single-socket, dual-socket rackmount servers and desktop tower workstations.
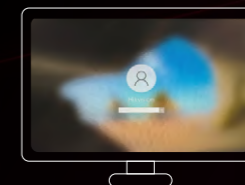
01 Plug-and-play
Comes with mouse and keyboard

02 Easy-to-use
Easy to operate with pre-installed Windows OS
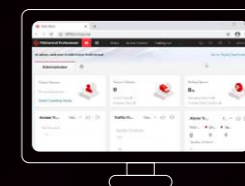
03 Pre-installed software
Pre-installed HikCentral-server and client

04 Pre-activated license
No need for any installation activation

05 Direct capacity expansion
No need to purchase an expansion license to unlock the expansion

Why Hikvision Servers

Powerful & Robust Performance

Hikvision servers combine powerful functions with a compact design, which can be used as a server and control client at the same time.

Four-screen independent output for efficient management

Equipping with 3*Display Ports(DP) + HDMI Port, all tower workstations support up to four displays natively without the need for a dedicated graphics card.

Max. 32-ch 1080P decoding capability powered by integrated GPU

Powerful decoding capability by integrated GPU provides a seamless viewing experience without any lag or buffering, ensuring optimal performance and efficiency.

In the version V2.5.1 of HikCentral Professional, the hardware decoding performance of the HikCentral Tower Workstations has been greatly improved.

● Robust Performance

Hikvision's servers care about actual user needs, refining product designs to provide robust and powerful performance that adapts to complex and tough environments.

Shock-resistant design

Wide temperature range: 5-45℃

Dust-proof design with customized dust filter

Operates in high humidity

Floating drive bay

Reduced electro magnetic compatibility (EMC)

End-to-end Quality Assurance

Guaranteed compatibility: All Hikvision servers are fully tested by professional testing team to ensure stable operation
Reliable after-sales service: 24/7 platinum after-sales service with 3-year warranty

⌒ After-sales service process:

Service Levels	• 7 * 24 remote technical support for all Hikvision servers
	• Onsite hardware support:
	  Tower Workstations: Next business day
	  Rackmount Serves: 4 hours
		Extend Warranty	• Tower Workstations: Max. 5 years
			• Rackmount Servers: Max. 7 years

Please contact the local service center for precise information, as there may be slight variations among certain countries.

QUALITY ASSURANCE

Product Showcase

● HikCentral VMS Servers

HikCentral Workstation

HikCentral-Workstation/HW5L/32Ch
- **CPU:** i5-12500
- **Memory:** 8 GB × 2
- **Hard Disk:** 1 TB SSD
- **Ports:** HDMI × 1+DP × 3+1 GbE × 1
- **Operating System:** Win 10 IoT
- **Hardware Decoding:** Up to 32-ch 1080p
- **HCP License:** 32-ch video management, 4-ch access points
- 3 years global platinum service

HikCentral-Workstation/HW7L/32Ch
- **CPU:** i7-12700
- **Memory:** 8 GB × 2
- **Hard Disk:** 1 TB SSD
- **Ports:** HDMI × 1+DP × 3+1 GbE × 1
- **Operating System:** Win 10 IoT
- **Hardware Decoding:** Up to 32-ch 1080p
- **HCP License:** 32-ch video management, 4-ch access points
- 3 years global platinum service

HikCentral Professional Server

HikCentral-P-VSS-Base/HW/64Ch
- **CPU:** E-2324G
- **Memory:** 16 GB
- **Hard Disk:** 1T 7.2K SATA × 2 (RAID_1)
- **Storage Controller:** H355
- **Operating System:** Winserver 2019
- **HCP License:** 64-ch video management
- 3 years global platinum service

HikCentral-P-VSS-Base/HW/300Ch
- **CPU:** E-2324G
- **Memory:** 16 GB
- **Hard Disk:** 1T 7.2K SATA × 2 (RAID_1)
- **Storage Controller:** H355
- **Operating System:** Winserver 2019
- **HCP License:** 300-ch video management
- 3 years global platinum service

Products and License Reference

HikCentral VMS Servers	HikCentral-Workstation/ HW5L/32Ch		HikCentral-Workstation/ HW7L/32Ch		HikCentral-P-VSS-Base/ HW/64Ch		HikCentral-P-VSS-Base/ HW/300Ch	
Features	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion
Video Management	32	128 [1]	32	256 [2]	64	3000 [3]	300	3000 [3]
Access Control	4	16 [0]	4	32 [0]	⊖	1024 [0]	⊖	1024 [0]
ANPR Cameras	⊖	16 [1]	⊖	32 [2]	⊖	1024 [3]	⊖	1024 [3]
Facial & Body Recognition	⊖	16 [1]	⊖	32 [2]	⊖	3000 [3]	⊖	3000 [3]
Lanes of Entrance & Exit	⊖	16	⊖	32	⊖	40	⊖	40
Indoor Station	⊖	16	⊖	32	⊖	5000	⊖	5000
Alarm Panel	⊖	16	⊖	32	⊖	1024	⊖	1024
Attendance	⊖	✔	⊖	✔	⊖	✔	⊖	✔
Smart Wall	⊖	⊖	⊖	✔	⊖	✔	⊖	✔

· [0] The total number of channels for doors and outdoor stations.
· [1] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 128.
· [2] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 256.
· [3] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 3000.

● General Purpose Server

	VP Series Tower Workstation
CPU	i3-12100 / i5-12500 / i7-12700 / Customization
Memory	Max 4 × 32 GB
Hard Disk	Max 1 × 4 TB HDD + 1 × 1TB SSD
Ports	HDMI × 1+DP × 3 + 1 GbE × 1
Operating System	Win 10 IoT / Customization
Service	3 / 5 years global platinum service

DS-VP41D-C/HW3	i3-12100 / 8GB × 1 / 256 GB SSD × 1 / 1GbE × 1 / 300 W / Win 10 IoT / 3 years global platinum service
DS-VP41D-C/HW5L	i5-12500 / 8 GB × 2 / 1 TB SSD × 1 / 1 GbE × 1 / 300 W / Win 10 IoT / 3 years global platinum service
DS-VP41D-C/HW7L	i7-12700 / 8 GB × 2 / 1 TB SSD × 1 / 1 GbE × 1 / 300 W / Win 10 IoT / 3 years global platinum service

	VE Series Rackmount Server
CPU	E-2324G / E-2378 / Customization
Memory	Max 4 × 128 GB
Hard Disk	Max 4 × 22 TB 3.5 inch HDD
Ports	1 GbE × 2 / Customization × 4
Operating System	Winserver 2019 / 2022 / Customization
Service	3 / 5 / 7 years global platinum service

DS-VE11D-C/HW01	E-2324G × 1 / 16 GB × 1 / 1 T 7.2 K SATA × 2 (RAID_1) / SAS_H355 / 1 GbE × 2 / 450 W / 1 U / winserver 2019 / 3 years global platinum service
DS-VE11D-D/HW01E	E-2324G × 1 / 16 GB × 1 / 960 GB SSD × 2 (RAID_1) / SAS_H355 / 1 GbE × 2 / 450 W / 1 U / winserver 2022 / DVD / 5 years global platinum service
DS-VE11D-D/HW05	E-2378 × 1 / 32 GB × 1 / 960 G SATA SSD × 2 (RAID_1) / SAS_H355 / 1 GbE × 2 / 450 W / 1 U / winserver 2019 / DVD / 3 years global platinum service

	VD Series Rackmount Server
CPU	4309Y / 4310 / 6326 / Customization
Memory	Max 16 × 64 GB
Hard Disk	Max 8 × 22TB 3.5 inch HDD
Ports	1 GbE × 6 (+10 GbE × 2) / Customization × 8
Operating System	Winserver 2019 / 2022 / Customization
Service	3 / 5 / 7 years global platinum service

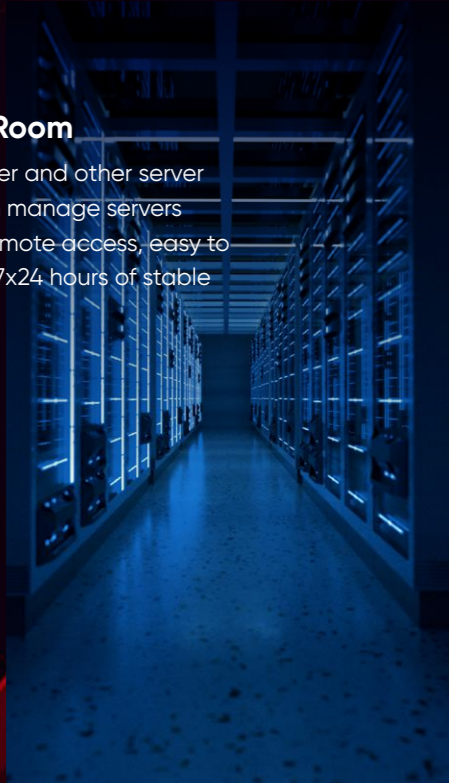| DS-VD22D-C/HW2	4309Y × 1 / 32 GB × 1 / 2 TB 7.2 K SATA × 2 (RAID_1) / SAS_H355 / 1 GbE × 6 / 800 W(1 + 1) / 2 U / winserver 2019 / DVD / 3 years global platinum service
DS-VD22D-C/HW2E	4309Y × 1 / 32 GB × 1 / 960 GB SATA SSD × 2 (RAID_1) / SAS_H355 / 1 GbE × 6 / 800 W (1 + 1) / 2U / winserver 2022 / DVD / 5 years global platinum service
DS-VD22D-C/HW6E	4310 × 2 / 16 GB × 2 / 2 TB 7.2 K SATA × 2 (RAID_1) / H355 / 1 GbE × 6 / 800 W (1 + 1) / 2U / No OS / 5 years global platinum service
DS-VD22D-C/HW7E	4310 × 2 / 32 GB × 2 / 960 GB SATA SSD × 3 + 480 GB SATA SSD × 1 / H355 / 1 GbE × 6 / 800 W (1 + 1) / 2 U / No OS / 5 years global platinum service
DS-VD22D-C/HW9E	4309Y × 2 / 32 GB × 2 / 960 GB SATA SSD × 2 (RAID_1) / H355 / 1 GbE × 6 / 800 W (1 + 1) / 2U / No OS / 5 years global platinum service
DS-VD22D-C/HW48E	4309Y × 2 / 32 GB × 2 / 2 TB 7.2K SATA × 2 (RAID_1) + 2 TB 7.2K SATA × 2 (RAID_1) / H355 / 1 GbE × 6 / 800 W(1 + 1) / 2 U / No OS / 5 years global platinum service
DS-VD22D-C/HW50E	6326 × 2 / 32 GB × 2 / 2 TB 7.2K SATA × 2 (RAID_1) + 2TB 7.2K SATA × 2 (RAID_1) / H355 / 1 GbE × 6 + 10 GbE × 2 / 800 W (1 + 1) / 2 U / No OS / 5 years global platinum service

Applications & Deployment

● **Recommended Applications**

Server Room

Data center and other server rooms can manage servers through remote access, easy to maintain, 7x24 hours of stable operation.
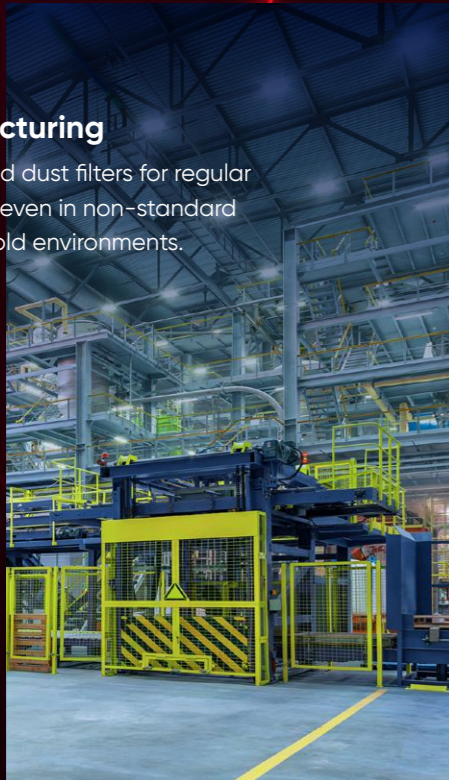
Building

A wide range of product options for hotels, apartments, offices and other building security projects, and can efficiently manage multiple sites.
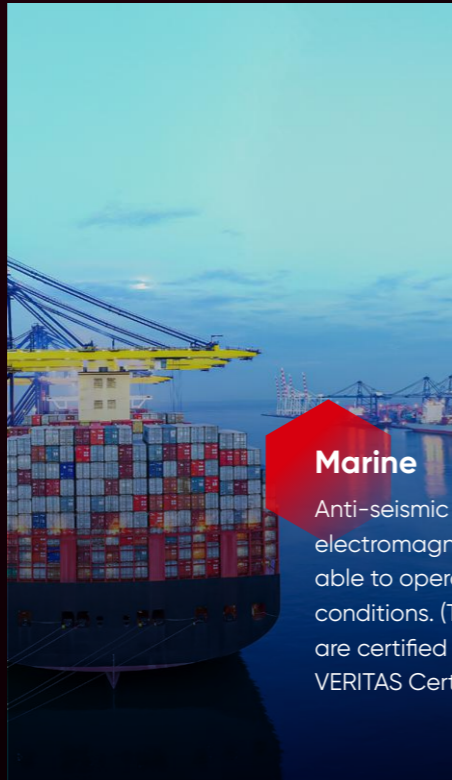
Manufacturing

Customized dust filters for regular operation even in non-standard hot and cold environments.
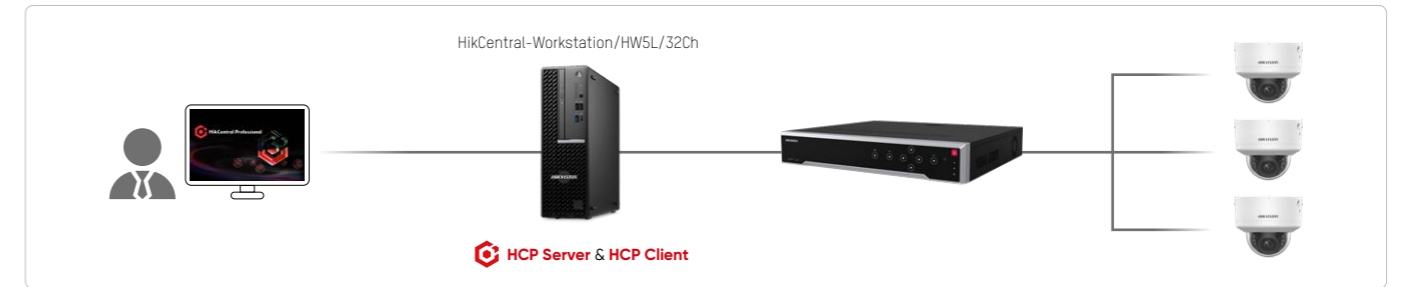
Marine

Anti-seismic design, anti-electromagnetic interference, able to operate in high humidity conditions. (Tower Workstations are certified by DNV (DET NORSKE VERITAS Certification) for ships)
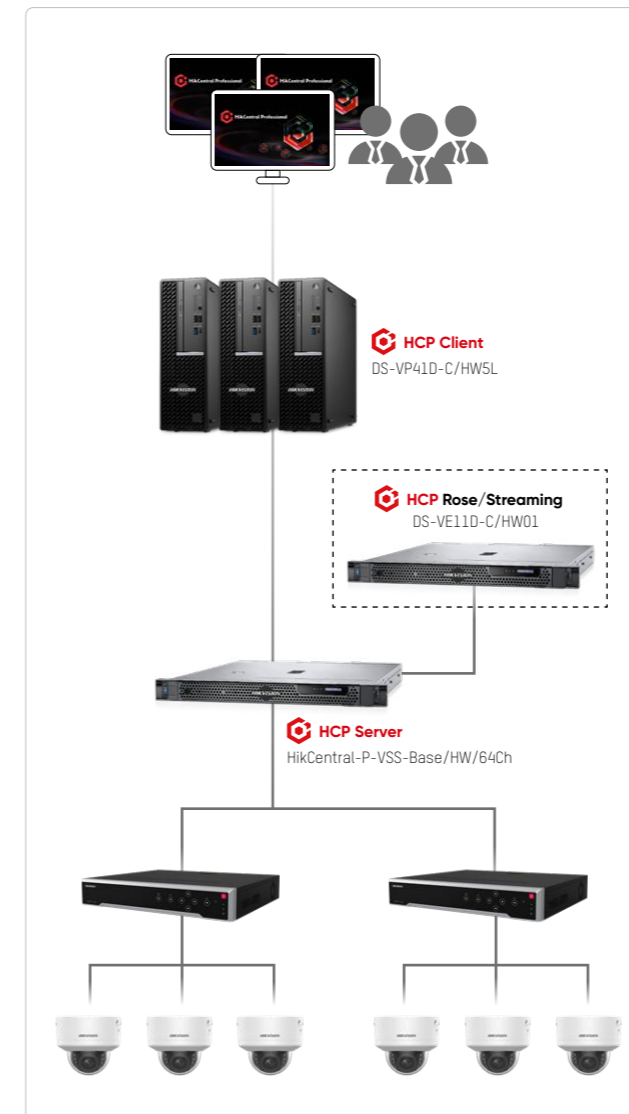
Versatile Deployments

Small-to-medium Scenarios

Scale of less than 128 channels, to efficiently handle light data loads

HikCentral-Workstation/HW5L/32Ch

HCP Server & HCP Client

Medium-to-large Scenarios

Ranging from 64 to 3,000 channels, to handle moderate data loads with efficiency

HCP Client
DS-VP41D-C/HW5L

HCP Rose/Streaming
DS-VE11D-C/HW01

HCP Server
HikCentral-P-VSS-Base/HW/64Ch

Site Management Scenarios

Handle large data loads and simplify management of multiple sites

HCP Server
HikCentral-P-RSM-Base/HW/2Site

RSM

HCP Client
DS-VP41D-C/HW5L

HCP Server & HCP Client
HikCentral-Workstation/HW5L/32Ch

HCP Server
HikCentral-P-VSS-Base/HW/64Ch