

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
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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.

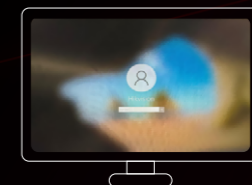
01

Plug-and-play
Comes with mouse and keyboard



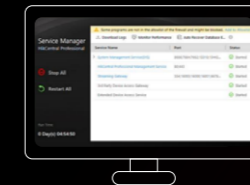
02

Easy-to-use
Easy to operate with pre-installed Windows OS



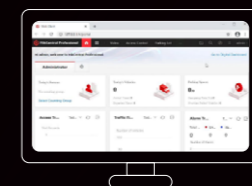
03

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.



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	<ul style="list-style-type: none"> • 7 * 24 remote technical support for all Hikvision servers • Onsite hardware support: Tower Workstations: Next business day Rackmount Servers: 4 hours 	Extend Warranty	<ul style="list-style-type: none"> • Tower Workstations: Max. 5 years • Rackmount Servers: Max. 7 years
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Please contact the local service center for precise information, as there may be slight variations among certain countries.



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	
	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-VP410-C/HW3	i3-12100 / 8GB × 1 / 256 GB SSD × 1 / 1GbE × 1 / 300 W / Win 10 IoT / 3 years global platinum service
DS-VP410-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-VP410-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-VE110-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-VE110-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-VE110-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

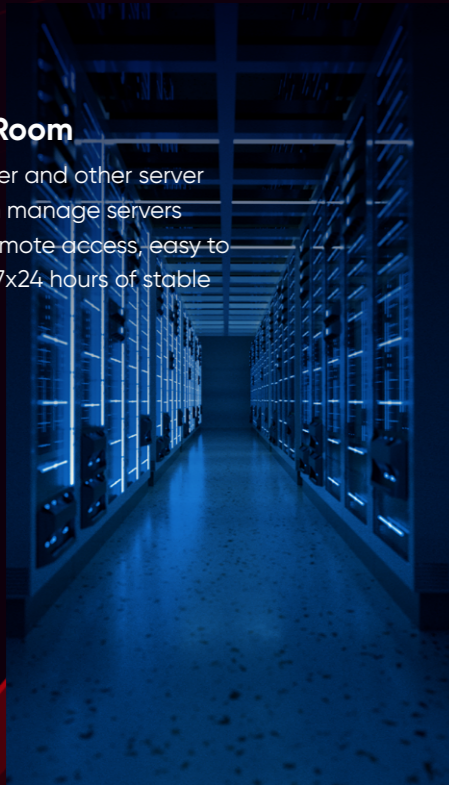
DS-VD220-C/HW2	4309Y × 1 / 32 GB × 1 / 2 TB 7.2 K SATA × 2 (RAID_1) / SAS_H355 / 1 GbE × 6 / 800 W(1 + 1) / 2 U / winserver 2019 / DVD / 3 years global platinum service
DS-VD220-C/HW2E	4309Y × 1 / 32 GB × 1 / 960 GB SATA SSD × 2 (RAID_1) / SAS_H355 / 1 GbE × 6 / 800 W(1 + 1) / 2U / winserver 2022 / DVD / 5 years global platinum service
DS-VD220-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-VD220-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-VD220-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-VD220-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-VD220-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.



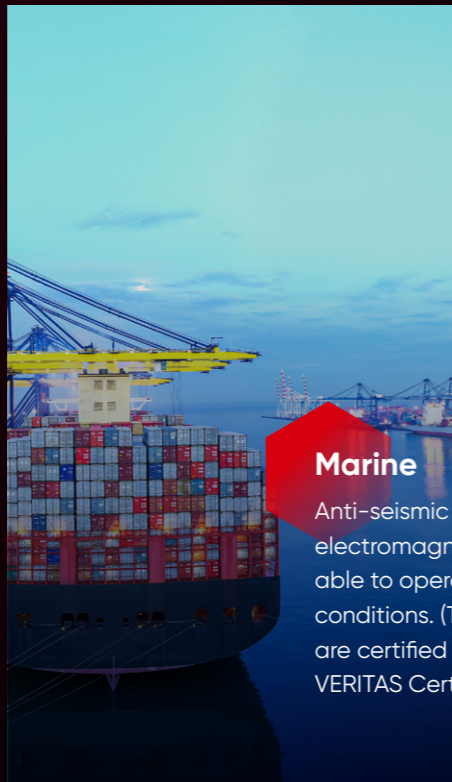
Manufacturing

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



Marine

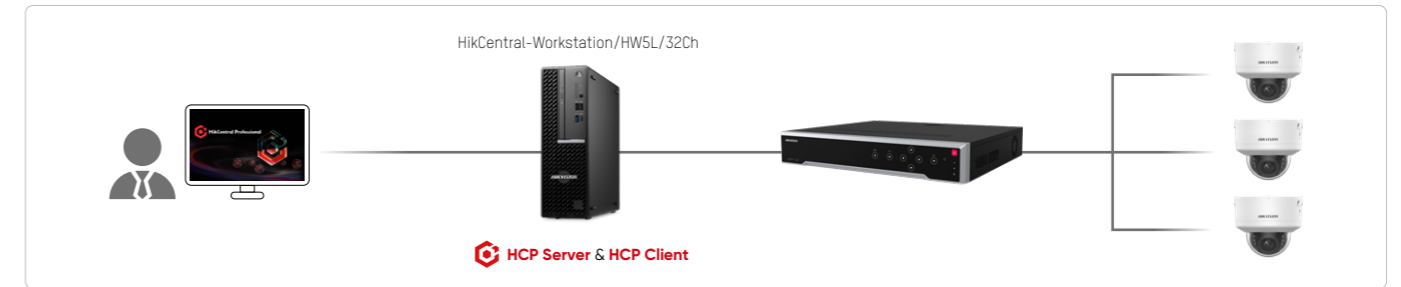
Anti-seismic design, anti-electromagnetic interference, able to operate in high humidity conditions. (Tower Workstations are certified by DNV (DET NORSKE VERITAS Certification) for ships)



Versatile Deployments

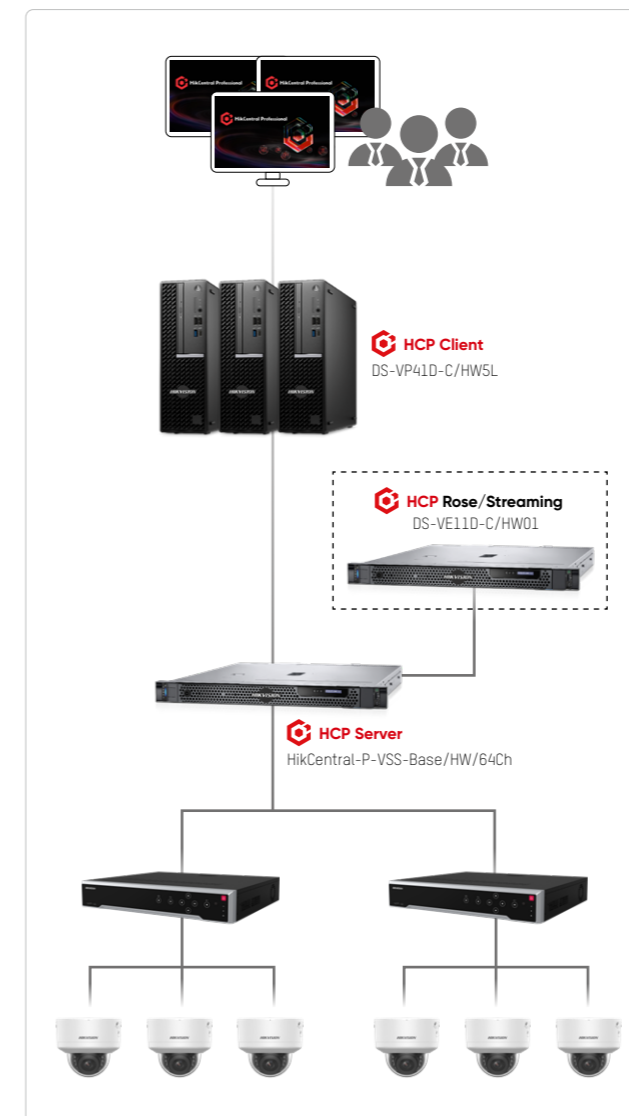
Small-to-medium Scenarios

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



Medium-to-large Scenarios

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



Site Management Scenarios

Handle large data loads and simplify management of multiple sites

