



FOLHA DE ESPECIFICAÇÕES DO DISCO RÍGIDO DE 3,5 POLEGADAS

Inteligente. Protegido. Seguro.
Armazenamento otimizado para vídeo



O SkyHawk™ aproveita a ampla experiência da Seagate no desenvolvimento de discos específicos para aplicações em vídeo.



Aplicações mais indicadas

- Gravadores de vídeo em rede (NVR)
- DVRs de vídeo



SKYHAWK
HEALTH



Principais Vantagens

O firmware **ImagePerfect™** foi projetado para garantir a captura perfeita de imagens de vídeo em cargas de trabalho¹ 24/7, que gravam vídeo de 64 câmeras HD.

O **SkyHawk Health Management** ajuda a proteger, ativamente, o seu armazenamento de vídeo, focando em opções de prevenção, intervenção e recuperação.² O RAID RapidRebuild™ é incluído. Ele fornece recriações de volume 3 vezes mais rápidas em comparação com as recriações de RAID tradicionais.

Proteção de dados incomparável com plano de serviços de recuperação de dados Rescue incluídos por três anos, ajudando a proteger dados de vídeo importantes com os serviços de recuperação de dados internos da Seagate.

Os sensores de VR integrados permitem que os discos mantenham o desempenho em sistemas de várias baias, oferecendo aos clientes a flexibilidade para expandir seus sistemas quando precisarem de mais armazenamento.

A compatibilidade com transmissão ATA permite gravações de até 64 câmeras HD para fornecer imagens de vídeo ininterruptas e sem problemas.

A garantia limitada de 3 anos e o MTBF de 1 milhão de horas³ representam um custo total de propriedade (TCO) aprimorado com custos de manutenção reduzidos.

O consumo de energia mais baixo significa uma redução em emissões de calor, o que aumenta a confiabilidade nas soluções de vigilância. Os componentes resistentes à corrosão ajudam a proteger o disco contra os elementos do ambiente, aumentando a confiabilidade em campo.

¹ Os discos para vídeo SkyHawk foram projetados para cargas de trabalho sempre ativas de 180 TB/ano. Para cargas de trabalho de transações mais altas, consulte as ofertas de disco de classe corporativa da Seagate.

² Entre em contato com o seu representante de vendas da Seagate para obter mais informações.

³ A Seagate não recomenda a operação em temperaturas extremas por muito tempo. A operação em temperaturas mais altas reduzirá a vida útil dos produtos.

REGISTRO A MILHÃO DE HORAS DE MTBF
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Especificações	4 TB
Números de modelo padrão	ST4000VX013
SkyHawk Health Management incluído	Sim
Interface	SATA de 6 Gb/s
Tecnologia de gravação	SMR
Drive Design	Ar
Recursos e desempenho	
Baías de disco compatíveis	Até 16
Câmeras compatíveis	Até 64
Sensores de VR	Sim
Taxa máx. sustentada de transferência OD (MB/s)	180 MB/s
Cache (MB)	256
Confiabilidade/integridade de dados	
Resistente à corrosão	Sim
Ciclos de carga/descarga	600.000
Taxa de erros de leitura irrecuperáveis, máx.	1 por 10E14
Horas em atividade por ano	8.760
Taxa limite de carga de trabalho (WRL) ¹	180
Tempo médio entre falhas (MTBF) (horas)	1.000.000 hr
Warranty, Limited (years)	3
Serviços de recuperação de dados Rescue (anos)	3
Gerenciamento de energia	
Corrente de inicialização, típica (12 V, A)	1,8
Potência média, em operação (W)	3,7 W
Média, ocioso (W)	2,5 W
Modo de espera/hibernação, típico (W)	0,25/0,25
Tolerância de tensão (5 V)	±5%
Tolerância de tensão (12 V)	±10%
Ambiente/temperatura	
Em operação (ambiente, mín. °C)	0
Em operação (indicado pelo disco, máx. °C) ²	70
Fora de operação (ambiente, mín. °C)	-40
Dimensões	
Altura (mm/pol, máx.)	20,2 mm/0,795 pol
Largura (mm/pol, máx.)	101,85 mm/4,01 pol
Profundidade (mm/pol, máx.)	146,99 mm/5,787 pol
Peso (g/lb, típico)	490 g/1,08 lb
Quantidade de unidades por caixa	25
Caixas por palete/caixas por camada	40/8

1 Os discos para vigilância SkyHawk foram projetados para cargas de trabalho sempre ativas de 180 TB/ano. Para cargas de trabalho de transações mais altas, consulte as ofertas de disco de classe corporativa da Seagate.

2 Opções com garantia estendida disponíveis. Consulte o seu distribuidor para saber detalhes.

3 A partir de 1º de maio de 2020, o plano Rescue Data Recovery Services de três anos para recuperação de dados poderá ser oferecido juntamente da garantia padrão. Essa oferta é limitada somente a regiões selecionadas. Confira a disponibilidade com o revendedor.

A Seagate não recomenda a operação em temperaturas extremas por muito tempo. A operação em temperaturas mais altas reduzirá a vida útil dos produtos.

M.C.

DS-1100KI Network Keyboard



Features and Functions

- 7" TFT touch screen at 800×480 resolution;
- 4-axis joystick;
- Live view and playback of video on screen at up to 1080P resolution;
- Compatible with NVR/DVR/DVS, matrix, network camera/dome, video wall controller, etc.
- Macro command operation;
- Display of decoded video on monitor or video wall;
- Shortcut keys for dome control, setting and calling of preset, patrol and pattern;
- Shortcut keys for playback operation;
- Shortcut keys for input group and output group;
- Shortcut keys for wiper and light control operation;
- 1-channel video decoding for local live view;
- Video capture and recording to local U-flash disk;
- Support 3 operators, and each user is allowed to operate 1280 devices;
- Support configuration by WEB server;
- Support configuration by the Keyboard Configuration Tool;
- Configuration and control of the MVC system;
- Support control of the analog matrix with the protocol of ZT-1.0, ZT-2.0, EXTRON or CREATOR;
- Control of up to 255 analog domes by RS-485 connection;
- Accessible by the platform software.

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Specifications

Model	DS-1100KI	
Control Mode	IP-based	
TFT LCD Panel	7" TFT LCD monitor with touch panel	
	Resolution: 800 × 480	
Joystick	4-axis joystick	
Audio Input / Output	Line In	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)
	Audio Out	1-ch, 3.5 mm connector (Linear, 560 Ω)
External Interface	Network Interface	1 10M/100M/1000M Ethernet interface
	RS-232 Interface	1 RS-232 interface
	RS-485 Interface	1 RS-485 interface
	USB Interface	1, USB2.0 (for data storage and device upgrade)
General	Power Supply	12 VDC
	Power Consumption	≤ 15W
	Working Temperature	-10°C to +55°C (14 °F to 131° F)
	Working Humidity	10% to 90%
	Dimensions (W × D × H)	435 × 193 × 110 mm (17.1" × 7.6" × 4.3")
	Weight	2 Kg (4.4 lb)

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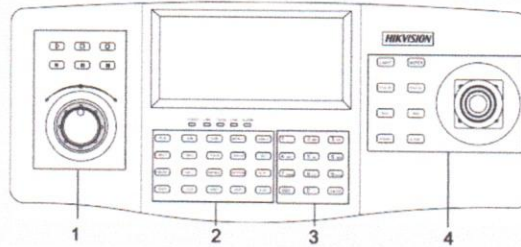
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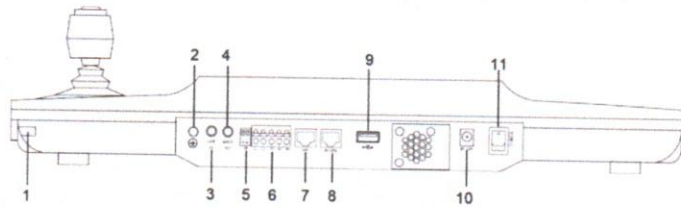
Appearance

Operation Panel



Index	Description	Index	Description
1	Record/Playback buttons	3	Numeric buttons
2	Functional buttons	4	PTZ control area

Interfaces



Index	Description	Index	Description
1	Touch pen	7	LAN
2	GND	8	RS-232 interface
3	Line in	9	USB interface
4	Audio out	10	12 VDC power supply
5	Reserved	11	Power on/off
6	RS-485 interface		

Distributed by

Available Model

DS-1100KI

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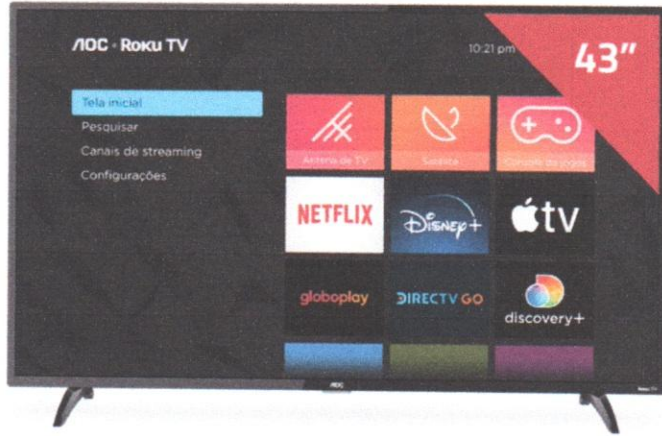
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M.C.

INSTRUMENTAL DE MEDIAS
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BERIBÉ

> Smart TV



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AOC

SMART TV 43" FULL HD AOC ROKU TV SÉRIE 5195

DIMENSÕES E FIXAÇÃO

Preparado para xação em parede/painel

200 x 200 mm

ESPECIFICAÇÕES

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7,25 kg
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Peso líquido

Peso líquido sem base	7,25 kg
Busque por tamanho	40 - 43
Peso Bruto com embalagem	10,3 kg
Dimensões c/ base (L x A x P)	969,64 x 602,48 x 214,09 mm
Dimensões s/ base (L x A x P)	969,64 x 562,55 x 80,5 mm
Dimensões com Embalagem	1070 x 680 x 140 mm
Aplicativos Disponíveis	Net ix, Youtube, Prime Video, Disney Plus e Milhares de outros aplicativos disponíveis na galeria de aplicativos da Roku

FILTROS

Qualidade de Imagem	Full HD (1080p)
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CARACTERÍSTICAS

Tipo de painel	LED
Acabamento	Bezel e Base Preto
Tamanho da imagem visível (diagonal)	103 cm
Cabo	Cabo de Energia
Frequência do painel	60 Hz
Ângulo de Visão	178°
Receptor Digital Integrado (DTV)	Sim
Contraste (Dinâmico)	1:200.000
Brilho	180 nits
HDR	Não
Resolução máxima	1920 x 1080 (1080p)
Tempo de resposta	<20 ms
Digital Noise Reduction (redução digital de ruído na imagem)	Sim
Suporte de cores	NTSC-PALM
Parental Control (controle dos pais)	Sim
Smart TV	Sim
Net ix/YouTube	Sim
PVR (Personal Video Recorder) - grava programação da TV digital aberta via HD externo	Não

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Sleep Timer	Sim
EPG (Electronic Program Guide - Guia Eletrônico de Programação)	Sim
Características Especiais	SmartTV

ESPECIFICAÇÕES

Modelo	43S5195/78G
Polegadas	43
Conexões	3 HDMI / 1 USB 2.0 / 1 Video Composto / 1 Áudio L-R / 1 Entrada RF (Antena) / 1 SPDIF (Áudio Óptica) / 1 Saída Fone de Ouvido / 1 Ethernet RJ-45
Base ajustável	Não
Sistema Operacional	Roku TV
Resolução	FHD

PRODUTO

Sistema de cores	[Handwritten mark]	ISDB-T/NTSC/PAL-M
Consumo em modo espera (standby, máximo)		<0.5W
Fonte		AC 110-240V 50/60Hz
Alto-Falantes		Down ring x 2
Sistema de áudio (estéreo)		Dolby Digital
Cor predominante da base		Preto
Consumo Ligado		8,84 kwh/mês
Controles manuais		Ligar/Desligar/Menu
Potência de áudio (RMS)		16 W
Cor predominante do produto		Preto
Garantia		12 meses
Conteúdo da Embalagem	Tela de LED 43", manual do usuário, guia rápido de instalação, base e 4 parafusos de xação da base, cabo de força, controle remoto e 2 pilhas	

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DS-7700NI-K4/P Series NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 8/16/32-ch IP camera inputs
- Up to 2-ch @ 8MP or 4-ch @ 4MP or 8-ch @ 1080P decoding capacity
- 1 HDMI and 1 VGA interfaces: both interfaces support independent video output
- 4 HDDs for continuous video recording
- Up to 80/160/256 Mbps incoming bandwidth



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 8/16-ch synchronous playback

Smart Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting

Network & Ethernet Access

- 8/16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect for easy network management





Specification

Model	DS-7708NI-K4/8P	DS-7716NI-K4/16P	DS-7732NI-K4/16P
Video and Audio			
IP video input	8-ch Up to 12 MP resolution	16-ch	32-ch
Incoming bandwidth	80 Mbps	200 Mbps	256 Mbps
Outgoing bandwidth	160 Mbps		
HDMI output	1-ch, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60Hz		
VGA output	1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60Hz		
Video output mode	HDMI/VGA independent output		
CVBS output	N/A		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)		
Decoding			
Decoding format	H.265/H.265+/H.264/H.264+		
Recording resolution	12MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
Synchronous playback	8-ch	16-ch	
Capability	1-ch@12MP (30fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)		
Stream type	Video, Video & Audio		
Audio compression	G.711ulaw/G.711alaw/G.722/G.726		
Network			
Remote connection	64-ch		128-ch
Network protocol	TCP/IP, DHCP, IPv4, Hik-Connect, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS		
Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
PoE			
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface	
Power	≤ 200 W		
Supported standard	IEEE 802.3 af/at		
Auxiliary Interface			
Serial interface	2 RS-485 (half-duplex), 1 RS-232		
SATA	4 SATA interfaces		
Capacity	Up to 10 TB capacity for each disk		
Alarm in/out ¹	16/4	16/4 (16/9 is optional)	
USB interface	Front panel: 2 x USB 2.0; Rear panel: 1 x USB 3.0		
General			
Power supply	100 to 240 VAC, 50 to 60Hz		
Consumption (without HDD and PoE off)	≤ 20 W (without enabling PoE and HDD)		

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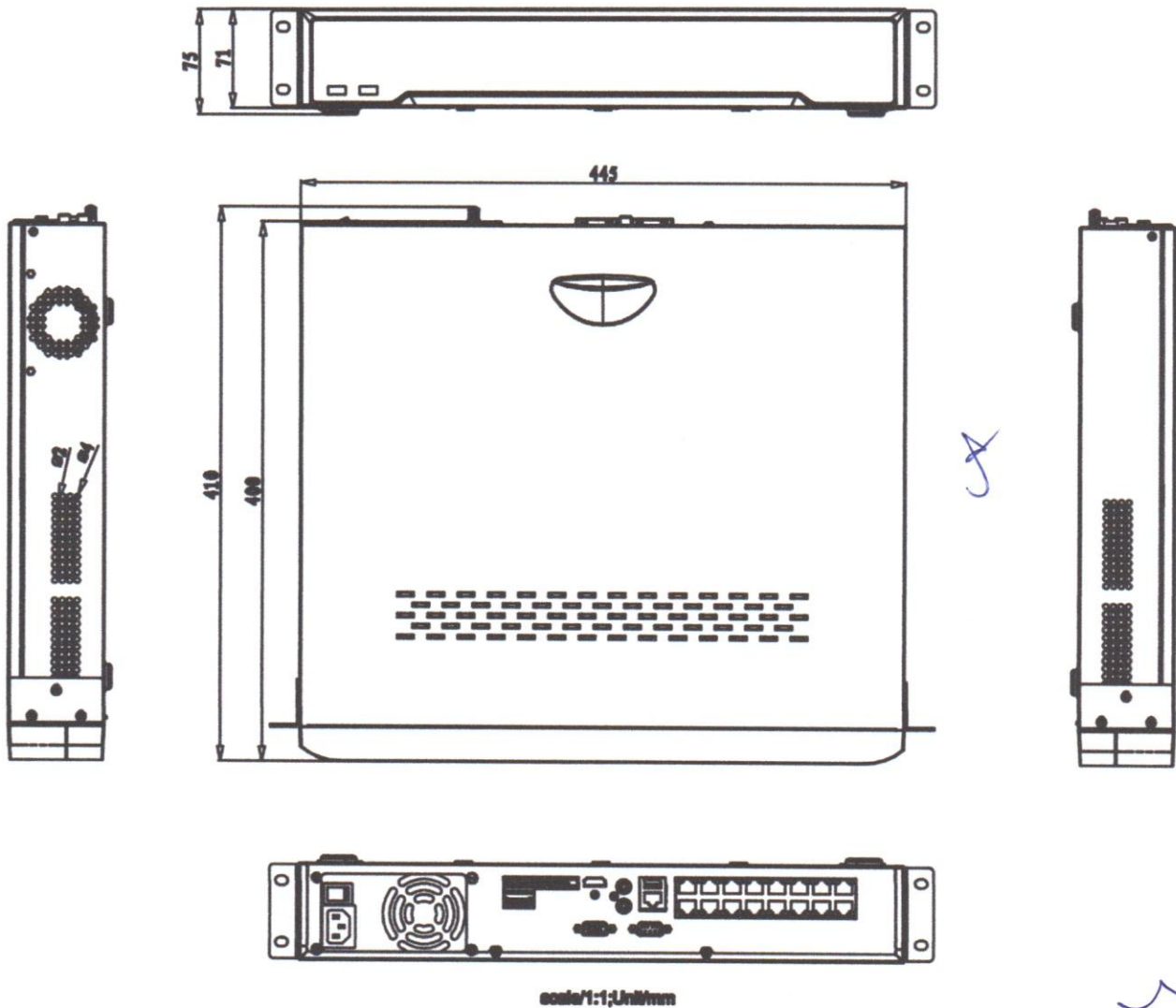


Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	445 × 400 × 75 mm (17.5"× 15.7" × 3.0")
Weight (without HDD)	≤ 5 kg (11lb.)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

Note:

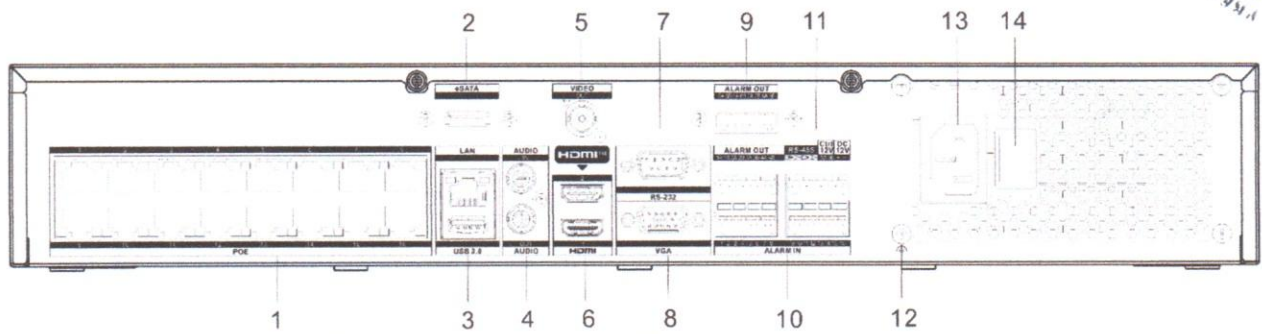
1: Alarm in/out can be optional for certain models. If you select a device model with "/ALARM 16+9", the device will have 16 alarm inputs and 9 alarm outputs. The 9th alarm supports control 12V.

Dimension





Physical Interface



*: DS-7708NI-K4/8P provides 8 network Interfaces with PoE function.

No.	Description	No.	Description
1	Network Interfaces with PoE function	8	VGA Interface
2	eSATA	9	ALARM OUT
3	USB 3.0 Interface and LAN Network Interface	10	ALARM IN
4	AUDIO IN and AUDIO OUT	11	RS-485 Serial Interface
5	VIDEO OUT	12	GND
6	HDMI Interface	13	100 to 240 VAC Power Input
7	RS-232 Serial Interface	14	Power Switch

Available Model

DS-7708NI-K4/8P, DS-7716NI-K4/16P, DS-7732NI-K4/16P

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HikCentral Professional

HikCentral Professional is a software platform provided by Hikvision for integrating and managing security systems. It is designed to meet a variety of security challenges on a single platform. With HikCentral Professional, you can manage multiple individual systems with ease, such as video security, access control, security alarms, and more, as well as explore cross-system functionalities.

Daily operations become more efficient while protection of people and property improve all around. Users of all kinds are making smarter decisions.



Key Feature

Light and Efficient

- Lightweight architecture features reduced consumption of system resources
- Capable of managing multiple systems of varying sizes with consistent efficiency

Unified and Flexible

- Supports combining various application plug-ins under a unified, on-demand architecture for collaboration across business segments
- New plug-ins can be continuously developed to meet new business needs

Integrated and Open

- Compatible with virtually all Hikvision products and their abundance of applications, including deep-learning-based analytics and statistics
- Open architecture permits easy integration with third-party systems and hardware



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• **Features of Main Modules**

Module	Features
Video	<ul style="list-style-type: none"> ● Efficient and comprehensive video surveillance ● Quick incident search and location, convenient event search, and quick run-through of video ● Video export as evidence ● Low bandwidth network adaptability ● Reliable and flexible storage
Access Control	<ul style="list-style-type: none"> ● Comprehensive and flexible access management methods ● Advanced access strategies for sensitive areas ● Convenient employee badge design and printing ● Clear step-by-step guidance ● Remote personnel registration ● Automatically lock or unlock doors ● Keep doors in a remain unlocked status during an emergency ● Easily count and verify everyone's safety
Visitor	<ul style="list-style-type: none"> ● Digitalized visitor management ● Visitor registration in advance ● Pre-defined access permissions and traceable records ● A Watchlist function along with personalized design and printing of badges
Vehicle	<ul style="list-style-type: none"> ● Flexible and efficient entrance & exit management ● Improved parking experience for drivers ● Self-service parking query ● Flexible billing ● Intuitive and efficient parking operation analysis and transaction analysis reports
Mobile Monitoring	<ul style="list-style-type: none"> ● Efficient vehicle monitoring for quick response ● Reliable archive management ● Customized reports for enhanced operational efficiency
Alarm Detection	<ul style="list-style-type: none"> ● Centrally manage various alarm sources ● Real-time display of all kinds of alarms ● Flexible linkage ● Automatic audio alarms
Intelligent Analysis	<ul style="list-style-type: none"> ● The video-based intelligent analysis dashboard enables flexible and extensible digital applications ● Smart commercial analyses
Digital signage	<ul style="list-style-type: none"> ● Manage and configure content for digital signage in an intuitive manner ● Pre-installed program templates ● All programs are created visually
Time & Attendance	<ul style="list-style-type: none"> ● Flexible attendance rule-setting ● Diverse attendance reports and customizable templates ● Easy integration with third-party payroll systems
Maintenance	<ul style="list-style-type: none"> ● Visualized network and device topology and alarm notifications ● Logs are available for event trackback and evidence

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Software Specification

The following table shows the maximum performance of the SYS (System Management Server). For other detailed data and performance, refer to *Software Requirements and Performance*.

Features		Maximum Performance
General		
Manageable Resource	Managed Devices <i>*Including Encoding Devices, Access Control Devices, Elevator Control Devices, Security Control Devices, Digital Signage Terminals, Interactive Flat Panels, Remote Sites, Guidance Terminals, and IP Speakers</i>	2,048
	Encoding Devices Supporting ONVIF Protocol	2,048
	Video Intercom Devices	5,000
	Guidance Screens	512
	Visitor Terminals	32
	Dock Stations	1,500
	Network Transmission Devices	128
	Mobile Devices	1,000
	Fire Protection Devices	2,048
	Entrance/Exit Stations	40
	Query Terminals	16
	DeepinMind Server	64
	Recording Servers	64
	Streaming Servers	64
	Cameras	10,000 With RSM: 100,000
	Maximum Number of Fisheye Cameras	10,000
	Maximum Number of Cameras for People Counting	
	Alarm Inputs	5,000
	Alarm Outputs	3,000
	Security Radars and Radar PTZ Cameras	30
	Zones of Security Control Partitions	2,048
	Security Control Partitions (Areas)	256
	DS-5600 Series Face Recognition Terminals When Applied with Hikvision Turnstiles	32
	ANPR Cameras	3,000
	People Counting Cameras	Recommended: 300
	Heat Map Cameras	Recommended: 70
	Thermal Cameras	Recommended: 20 ^①
	Queue Management Cameras	Recommended: 300
	Cameras per Area	256
	Alarm Inputs per Area	
Alarm Outputs per Area		
Event & Alarm	Event and Alarm Rules	10,000
	Storage of Events or Alarms Without Pictures	1,000/s
	Storage of Events or Alarms with Pictures	20/s (Stored in SYS) 80/s (Stored in Recording Server)
	Events or Alarms Sent to Clients <i>*The clients include Web Client, Control Clients and Mobile Clients.</i>	120/s 100 Clients/s
	Combined Alarm	10/s
	User-Defined Events	10,000
User and Role	Concurrent Accesses via Web Clients and Control Clients	100
	Concurrent Accesses via Mobile Clients	100

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	Users	3,000
	Roles	3,000
	Users for Double Authentications	50
Person	Person Group	3,000
	Person Group Hierarchies	10
	Size of a Profile Picture	300 KB
	Total Size of Profile Pictures	300 GB
Data Storage	Data Retention Period	Stored for 3 Years
	People Counting	5 million each year
	Heat Map	0.25 million each year
	ANPR Records	60 million each year
	Events	
	Alarms	
	Access Records	1.4 billion each year
	Attendance Records	55 million each year
	Visitor Records	10 million each year
	Operation Logs	5 million each year
	Service Information Logs	
	Service Error Logs	
	Recording Tags	60 million each year
Report	Scheduled Report Rules of Event and Alarm	100
	Event or Alarm Rules in One Event/Alarm Report Rule	32
	Records in One Sent Report	10,000 or 10 MB
	Resources Selected in One Report <i>*With this limitation, you can generate a neat and clear report via the Control Client and it costs less time.</i>	32
	Maximum Number of Stores	1,000
Video & Intelligent Analysis		
Recording	Recording Schedule	30,000
	Recording Schedule Template	200
Face Comparison	Face Pictures for Comparison	1,000,000
	Face Comparison Groups	64
	Persons in One Face Comparison Group	1,000,000
	Storage of Face Comparison Events Without Pictures	1,000/s
	Storage of Face Comparison Events with Pictures	100/s (Stored in Recording Server)
Intelligent Recognition	Intelligent Analysis Groups	1,000
	Resources in One Group	64
	Persons for Intelligent Recognition	1000,000
Evidence Management	Evidences	100,000
	Evidence Files	5,000,000
Smart Wall	Decoding Devices	32
	Smart Walls	32
	Views	1,000
	View Groups	100
	Views in One View Group	10
	Cameras in One View	256
	Cameras in One Window of Auto-Switch	20
	Windows of an Auto-Switch	16
	View Group of an Auto-Switch	1
Streaming Server	Video Input Bandwidth per Streaming Server	200 × 2 Mbps
	Video Output Bandwidth per Streaming Server	200 × 2 Mbps
Access Control & Time and Attendance & Visitor		
Access Control	Persons with Credentials for Access Control	50,000
	Total Credentials (Card + Fingerprint)	250,000
	Cards	250,000
	Fingerprints	200,000

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	Irises	100,000
	Profiles	50,000
	Access Points (Doors + Floors)	1,024
	Access Levels	512
	Access Schedules	32
	Templates for Card Printing	32
Time and Attendance	Persons for Time and Attendance	10,000
	Shift Schedules	128
	Major Leave Types	64
	Minor Leave Types of One Major Type	128
	Holidays	32
	Break Timetable	128
	Custom Rules for T&A Status on Device	128
Visitor Management	Visitors	100,000
	Visitor Check-In or Reservation Records	100,000
	Visitor Email Templates	20
	Entities in Watch List	10,000
Vehicle and Parking Management		
Vehicles per List		5,000
Vehicles		500,000
Custom Vehicle Types		10
Under Vehicle Surveillance Systems (UVSSs)		4
Vehicle Undercarriage Pictures		3,000
Storage of ANPR Alarm Without Pictures		1,000/s
Storage of ANPR Alarm with Picture		20/s (Stored in SYS) 100/s (Stored in Recording Server)
Parking Lots		10
Lanes		Total: 40 In One Parking Lot: 32
Parking Spaces		Total: 3,000 In One Floor: 1,024
Floors in All Parking Lots		128
Cards Linked with Vehicles		250,000
Temporary Cards in One Parking Lot		10,000
Vehicle Passing Frequency in Each Lane		1 Vehicle/s
Mobile Monitoring		
Fence Rules for One Vehicle		4
Vehicles Can Be Located in One Client		64
Retention Period of GPS Data		6 Months
Retention Period of Statistics Data		3 Years
Maximum Number of Drivers		10,000
Maximum Number of Driving Routes		1,000
Digital Signage		
Materials		10,000
Programs		2,000
Schedules		1,000
Release Records		1,000
Video Walls		512
Applications for Interactive Flat Panel		1,000
Security Inspection		
Analyzers		8
Walk-Through Metal Detectors		64
Security Inspection Channels		1,000
Broadcast		
IP Speakers		2048
Speaker Unit		128

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Broadcast Group	128
Media Libraries	100
Patrol	
Maximum Number of Shifts of a Single Route	8

①: This recommended value refers to the number of thermal cameras connected to the system directly. It depends on the maximum performance (data processing and storage) in the situation when the managed thermal cameras uploading temperature data to the system. For thermal cameras connected to the system via NVR, there is no such limitation.

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System Requirement

* For high stability and good performance, the following system requirements must be met.

<p>OS for HikCentral Professional Server</p>	<p>Microsoft® Windows 11 64-bit Microsoft® Windows 10 64-bit Microsoft® Windows 8.1 64-bit Microsoft® Windows 7 SP1 64-bit Microsoft® Windows Server 2019 64-bit Microsoft® Windows Server 2016 64-bit Microsoft® Windows Server 2012 R2 64-bit Microsoft® Windows Server 2012 64-bit Microsoft® Windows Server 2008 R2 SP1 64-bit *For Windows 8.1 and Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.</p>
<p>OS for Control Client</p>	<p>Microsoft® Windows 11 64-bit Microsoft® Windows 10 64-bit Microsoft® Windows 8.1 64-bit Microsoft® Windows 7 SP1 64-bit Microsoft® Windows Server 2019 64-bit Microsoft® Windows Server 2016 64-bit Microsoft® Windows Server 2012 R2 64-bit Microsoft® Windows Server 2012 64-bit Microsoft® Windows Server 2008 R2 SP1 64-bit *For Windows 8.1 and Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.</p>
<p>Browser Version</p>	<p>Google Chrome® 84 and above Firefox® 84 and above Safari® 11 and above Microsoft® Edge 89 and above Internet Explorer® 11 and above</p>
<p>Database</p>	<p>PostgreSQL V11.8</p>
<p>OS for Mobile Client</p>	<p>iOS 10.0 and above Android 6.0 and above</p>
<p>Virtual Machine</p>	<p>VMware® ESXi™ 6.x, ESXi™ 7.x Microsoft® Hyper-V with Windows Server 2012/2012 R2/2016 (64-bit) *The Control Client cannot run on the virtual machine. *Refer to the Deployment Guide of HikCentral Professional on VMware Virtual Machines for how the streaming server running on the virtual machine. *Virtual server migration is not supported.</p>

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Recommended Hardware Specification



Processor	Intel® Xeon® E-2124	
Memory	16G DDR4 DIMM slots, Supports UDIMM, up to 2666 MT/s, 64GB Max. Supports registered ECC	
Storage Controllers	Internal Controllers: SAS_H330 Software RAID: PERC S140 External HBAs: 12Gbps SAS HBA (non-RAID) Boot Optimized Storage Subsystem: 2x M.2 240GB (RAID 1 or No RAID), 1x M.2 240GB (No RAID Only)	
Drive Bays	1T 7.2K SATAx2	
Power Supplies	Single 250W (Bronze) power supply	
Dimensions	Form Factor: Rack (1U) Chassis Width: 434.00mm (17.08 in) Chassis Depth: 595.63mm (23.45 in) (3.5"HHD) Note: These dimensions do not include: bezel, redundant PSU	
Dimensions with Package (W x D x H)	750 mm x 614 mm x 259 mm (29.53" x 24.17" x 10.2")	
Net Weight	12.2 kg	
Weight with Package	18.5 kg	
Embedded NIC	2 x 1GbE LOM Network Interface Controller (NIC) ports	
Device Access	Front Ports: 1x USB 2.0, 1 x iDRAC micro USB 2.0 management port Rear Ports: 2 x USB 3.0, VGA, serial connector	
Embedded Management	iDRAC9 with Lifecycle Controller iDRAC Direct DRAC RESTful API with Redfish	
Integrations and Connections	Integrations: Microsoft® System Center VMware® vCenter™ BMC Truesight (available from BMC) Red Hat Ansible	Connections: Nagios Core & Nagios XI Micro Focus Operations Manager i (OMi) IBM Tivoli Netcool/OMNIBus
Operating Systems	Certify XenServer Citrix® XenServer® Microsoft Windows Server® with Hyper-V Note: This model is installed with Microsoft Windows Server® 2016 multilingual operating system.	
Virtual Machines	VMware® ESXi	



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