

# HikCentral Professional V2.1 System Requirements & Performance

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## **Chapter 1 System Requirements**

	Microsoft <sup>®</sup> Windows 7 SP1 64-bit	
	Microsoft <sup>®</sup> Windows 8.1 64-bit	
	Microsoft <sup>®</sup> Windows 10 64-bit	
	Microsoft <sup>®</sup> Windows Server 2008 R2 SP1 64-bit	
OS for Somer*	Microsoft <sup>®</sup> Windows Server 2012 64-bit	
OS for Server*	Microsoft <sup>®</sup> Windows Server 2012 R2 64-bit	
	Microsoft <sup>®</sup> Windows Server 2016 64-bit	
	Microsoft <sup>®</sup> Windows Server 2019 64-bit	
	*For Windows 8.1 and Windows Server 2012 R2, make sure it is installed	
	with the rollup (KB2919355) updated in April, 2014.	
	Microsoft <sup>®</sup> Windows 7 SP1 32-bit/64-bit	
	Microsoft <sup>®</sup> Windows 8.1 32-bit/64-bit	
	Microsoft <sup>®</sup> Windows 10 64-bit	
	Microsoft <sup>®</sup> Windows Server 2008 R2 SP1 64-bit	
OC for Control Client	Microsoft <sup>®</sup> Windows Server 2012 64-bit	
OS for Control Client	Microsoft <sup>®</sup> Windows Server 2012 R2 64-bit	
	Microsoft <sup>®</sup> Windows Server 2016 64-bit	
	Microsoft <sup>®</sup> Windows Server 2019 64-bit	
	*For Windows 8.1 and Windows Server 2012 R2, make sure it is installed	
	with the rollup (KB2919355) updated in April, 2014.	
OS for Mobile Client	iOS 10.0 and later	
OS TOT WIDDITE CHERIC	Android 5.0 and later	
Database	PostgreSQL V11.8	
	Internet Explorer <sup>®</sup> 11 and above	
	Firefox <sup>®</sup> 57 and above	
Browser	Google Chrome <sup>®</sup> 61 and above	
	Safari <sup>®</sup> 11 and above	
	Microsoft <sup>®</sup> Edge 89 and above	
	VMware <sup>®</sup> ESXi™ 6.x	
	Microsoft <sup>®</sup> Hyper-V with Windows Server 2012/2012 R2/2016 (64-bit)	
Virtual Machine	Note: The Streaming Server and Control Client cannot run on the virtual	
	machine. The Virtual machine in cluster mode is not supported. The	
	migration of virtual machine will cause the failure of License verification.	
	Microsoft <sup>®</sup> Windows Server 2008 R2 SP1 64-bit	
Failover Cluster	Microsoft <sup>®</sup> Windows Server 2012 64-bit	
	RoseReplicatorPlus_5.1.0_175-x64	

\*Server refers to SYS server.

## **Chapter 2 Server Performance**

### 2.1 SYS Server

	SYS Configurations			
Feature	Low-End	High-End		
CPU	Intel <sup>®</sup> Core™ i5-8500 @ 3.00 GHz	Intel <sup>®</sup> Xeon <sup>®</sup> E-2124 @ 3.30 GHz	Intel <sup>®</sup> Xeon <sup>®</sup> Silver 4110 @ 2.10 GHz	
RAM	8 GB	16 GB	16 GB	
NIC	GbE Network Interface Card	GbE Network Interface Card	GbE Network Interface Card	
HDD for OS	SATA-II 7200 RPM Enterprise Class HDD	SATA-II 7200 RPM Enterprise Class HDD	SATA-II 7200 RPM Enterprise Class HDD	
HDD for Picture Storage	Surveillance-class HDD or high performance network HDD. It should support 10 MB/s writing and 10 MB/s reading.	Enterprise-class HDD or high performance network HDD. It should support 20 MB/s writing and 20 MB/s reading.	Enterprise-class HDD or high performance network HDD It should support 20 MB/s writing and 20 MB/s reading.	
HDD Capacity	At least 650 GB	At least 650 GB	At least 650 GB	
OS	Microsoft <sup>®</sup> Windows 8.1 64-bit	Microsoft <sup>®</sup> Windows Server 2012 (R2) 64-bit	Microsoft <sup>®</sup> Windows Server 2012 (R2) 64-bit	
Virtual Machine	Amazon AWS EC2 Instance: c5.xlarge CPU: Intel <sup>®</sup> Xeon <sup>®</sup> Cascade Lake @ 3.60 GHz vCPU Count: 4 RAM: 8 GB Storage: EBS NIC: 10 Gbps	Amazon AWS EC2 Instance: m5.xlarge CPU: Intel® Xeon® Platinum 8175M @ 3.10 GHz vCPU Count: 4 RAM: 16 GB Storage: EBS NIC: 10 Gbps	-	
	Microso Instance CPU: Intel Xeon® E5- vCPU C	e: B4MS 2673 v4 @ 2.30 GHz	-	

	RAM: 16 GB NIC: 10 Gbps		
	Ma	ximum Performance	
	Feature	Low-End	High-End
	Managed Device IP Addresses *Including Encoding Devices, Access Control Devices, Elevator Control Devices, Security Control Devices, and Digital Signage Terminals	256	E-2124: 3,000 Silver 4110: 3,000
	Encoding Devices	256	E-2124: 1,024 Silver 4110: 2,048
	Cameras (Expanded)	512	E-2124: 3,000 Silver 4110: 10,000
	Alarm Inputs *Including Alarm Inputs of Security Control Devices	512	5,000
	Alarm Outputs	512	3,000
Manageable	Recording Servers	64	
Resources	Streaming Servers	64	
	ANPR Cameras	512	3,000
	People Counting Cameras	60 (recommended max. value)	300 (recommended max. value)
	Facial Recognition Server	16	64
	Heat Map Cameras	-	70 (recommended max. value)
	Thermal Cameras	5 (recommended max. value)	20 (recommended max. value)
	Queue Management Cameras	60 (recommended max. value)	300 (recommended max. value)
	Access Control Devices	256	E-2124: 1,024 Silver 4110: 2,048
	Elevator Control Devices	128	E-2124: 1,024 Silver 4110: 2,048

	Digital Signage Terminals	-	1,024
	Access Points (Doors + Floors)	128	1,024
	Doors	128	1,024
	Floors	128	1,024
	Enrollment Station	8	
	Video Intercom Device	32	5000
	Video Intercom Device (Indoor Station)	32	5000
	Speaker Units	-	128
	Guidance Screens	-	512
	Guidance Terminals	-	E-2124: 1,024 Silver 4110: 2,048
	Network Transmission Devices	-	128
	Under Vehicle Surveillance Systems (UVSS)	2	4
	<b>DS-5600 Series Face Recognition Terminals</b> *Applied with Hikvision Turnstiles	32 *If DS-5600 series devices ar as access control devices.	e applied with third-party turnstiles, they are regarded
	Radars and Radar PTZ Cameras	30	
	Alarm Inputs of Security Control Devices	512	2,048
	DeepinMind Servers	64	
	Security Audit Servers	8	
	Dock Stations	-	1,500
	Resources in One Resource Group	64	
	Partitions (Areas) in One Resource Group	64	256
A	Areas	512	3,000
Area	Area Hierarchies	5	

	Cameras in Each Area	256		
	Alarm Inputs in Each Area	256		
	Alarm Outputs in Each Area	256		
	Alarm Priorities	255		
	Alarm Categories	25	25	
	Event and Alarm Rules	1,500	E-2124: 3,000 Silver 4110: 10,000	
	User-Defined Event Rules	1,0000		
	Arming Schedule Templates	200		
Event & Alarm	Events or Alarms Storage	<ul> <li>30 events or alarms without picture per second.</li> <li>5 events or alarms with pictures (500 KB each, stored in SYS server) per second.</li> <li>20 events or alarms with pictures (500 KB each, stored in Recording Server) per second.</li> </ul>	<ul> <li>100 (E-2124) or 1,000 (Silver 4110) events or alarms without picture per second (for up to 3 minutes).</li> <li>20 events or alarms with pictures (500 KB each, stored in SYS server) per second.</li> <li>80 events or alarms with pictures (500 KB each, stored in Recording Server) per second.</li> </ul>	
	Events or Alarms Sent to Clients	<ul> <li>38 events or alarms/s</li> <li>30 Clients/s (Mobile Clients and Control Clients)</li> </ul>	<ul> <li>120 events or alarms/s</li> <li>100 Clients/s (Mobile Clients and Control Clients)</li> </ul>	
	Event Triggered Capturing	20 cameras can be triggered to capture	pictures concurrently per second.	
	Alarm Triggered Recording	30 cameras can be triggered to record video concurrently per second. 128 cameras can be triggered to video concurrently per second. 118 cameras can be triggered to video concurrently per second. 118 cameras can be triggered to video concurrently per second. 128 cameras can be triggered to video concurrently per second.		
	Alarm Triggered Actions (Excluding Recording)	152 actions (excluding recording) can	512 actions (excluding recording) can be	

			be triggered concurrently by alarms per	triggered concurrently by alarms per
			second.	second.
	Combined Alarms		10 alarms per second	
	Optimus A	Alarms	30 alarms per second (for up to 1 minute)	E-2124: 100 alarms per second (for up to 1 minute) Silver 4110: 500 alarms per second (for up to 1 minute)
Recording	Recording	Schedules	512	E-2124: 3,000 Silver 4110: 30,000
	Recording	Schedule Templates	200	
		Maps Linked to Each Area	64	
		Resolution	8192×8192	
		Size for Each Map	10 MB	
		Total Size for Maps	2 GB	15 GB
		Maps	128	1,024
		Cameras on Each Map	16	128
		Alarm Inputs on Each Map	16	128
		Alarm Outputs on Each Map	16	128
		Labels on Each Map	16	128
Мар	Мар	UVSS on Each Map	4	4
		Access Points on Each Map	16	128
		Hot Regions on Each Map	8	64
		Cameras on Maps in Total	512	E-2124: 3,000 Silver 4110: 10,000
		Alarm Inputs on Maps in Total	32	3,000
		Alarm Outputs on Maps in Total	32	3,000
		Labels on Maps in Total	128	3,000
		UVSS on Maps in Total	4	4
		Access Points on Maps in Total	32	E-2124: 128

				Silver 4110: 512
		Hot Regions on Maps in Total	128	1,024
	Elements in Total		3,000	
		Hot Regions in Total	128	1,024
		Cameras in Total	512	E-2124: 3,000 Silver 4110: 10,000
		Alarm Inputs in Total	512	3,000
	GIS Map	Alarm Outputs in Total	512	3,000
		UVSS in Total	4	4
		Access Points in Total	32	E-2124: 128 Silver 4110: 1024
		Labels in Total	512	3,000
	Roles		400	3,000
	Users		100	3,000
User & Role	Roles Assigned to One User		<ul> <li>100 roles can be assigned to one user (Resources linked to one role &lt; 170);</li> <li>50 roles can be assigned to one user (Resources linked to one role &lt; 514).</li> </ul>	<ul> <li>100 roles can be assigned to one user (Resources linked to one role &lt; 1,000);</li> <li>50 roles can be assigned to one user (Resources linked to one role &lt; 3,000).</li> </ul>
	Concurrent Accesses via Client		<ul> <li>30 Control Clients and Web Clients access the system concurrently;</li> <li>30 Mobile Clients access the system concurrently.</li> </ul>	<ul> <li>100 Control Clients and Web Clients access the system concurrently;</li> <li>100 Mobile Clients access the system concurrently</li> </ul>
	Secondary Authentication		32 users	50 users
	Storage Se *Including	<b>rvers</b> PCNVR, CVR, and cloud storage	64	
System	Stream Me	edia Servers	64	
-	Time Cons	umed to Export Devices and Sites	10s	E-2124: 10s Silver 4110: 19s

	Built-In Stream Media SG	Input/Output: 50 Cameras*2Mbps/s	Input/Output: 200 Cameras*2Mbps/s		
	Data Retention Period	5,000,000 per Month and Stored for 3	Years		
	People Counting	5 million	5 million		
	Heat Map	0.25 million	0.25 million		
	ANPR	60 million	60 million		
Data Storage (BI Data and	Events	60 million	60 million		
	Alarms	60 million			
Data	Access Records	1.4 billion			
Recorded in	Attendance Records	55 million			
System)	Visitor Records	10 million			
	Operation Logs	5 million			
	Service Information Logs	5 million			
	Service Error Logs	5 million	5 million		
	Recording Tags	60 million			
	Persons	2,000	1,000,000		
	Person Groups	3,000			
	Person Group Hierarchies	10			
	Profile Pictures	2,000	1,000,000		
Person	Cards	10,000	250,000		
Person	Fingerprints	8,000	100,000		
	Credentials (Cards + Fingerprints)	10,000	250,000		
	Size of Each Profile Picture	Recommended: 300 KB			
	Total Size of Profile Pictures	500 MB	300 GB		
	Persons to Be Reviewed	10,000			
	Persons for Access Control	2,000	50,000		
A	Resource Groups for Access Control	32	1,000		
Access	Anti-Passback Rules	32	128		
Control	Access Points in One Anti-Passback Rule	16	· ·		
	Access Levels	32	512		

	Access Points in One Access Level	32	1024
	Access Schedules	32 32 3 minutes	
	Card Templates		
	Device Polling Rate		
	Speed of Applying Persons' Access Level Settings to Device	<ul> <li>Card: 4.2 cards per second</li> <li>Fingerprint: 1.7 fingerprints per secon</li> <li>Face credential: 1.7 face pictures per seconsection</li> </ul>	
	Speed of Reporting Access Records	10 records per second	E-2124: 100 records per second Silver 4110: 1,000 records per second
	Visitors	5,000	20,000
	Visitors to Be Approved	5,000	10,000
Visitor	Visitor Registration/Reservation Records	100,000	
	Visitor Reservation Records to Be Approved	5,000	10,000
	Visitor Email Templates	20	
	Visit Purposes	20	
	Persons in Blocklist	5,000	10,000
	Persons for Time and Attendance	5,000	10,000
	Shifts	32	128
	Break Timetables	128	
Time and	Break Timetables in One Timetable	4	
Attendance	Custom Reports	128	
	Major Leave Type	64	
	Minor Leave Type in One Major Type	128	
	Holidays	32	
	Persons for Intelligent Recognition	2,000	1,000,000
	Resource Groups for Intelligent Recognition	32	1,000
Intelligent Recognition	Face Comparison Groups	16	64
Recognition	Storage of Face Matched/Mismatched Events	<ul> <li>120/s without pictures</li> <li>20/s with pictures (each picture 500)</li> </ul>	<ul> <li>400/s without pictures</li> <li>100/s with pictures (each picture 500)</li> </ul>

		KB, stored in Recording Server)	KB, stored in Recording Server)
	Vehicle Lists	13	100
	Vehicles	60,000	500,000
	Undercarriage Pictures (Each 10 MB)	512	3,000
Vehicle (ANPR)	Storage of License Plate Matched/Mismatched Events	<ul> <li>5/s with pictures (each picture 500 KB, stored in SYS server)</li> <li>20/s with pictures (each picture 500 KB, stored in Recording Server)</li> </ul>	<ul> <li>400/s without pictures</li> <li>20/s with pictures (each picture 500 KB, stored in SYS server)</li> <li>100/s with pictures (each picture 500 KB, stored in Recording Server)</li> </ul>
	Parking Lots	-	10
	Total Lanes	-	40
	Lanes in One Parking Lot	-	32
	Vehicles in Registered List	-	100
	Vehicles in One List	-	5,000
	Vehicles in Blocklist	-	5,000
Parking Lot	Total Floors of Parking Lot	-	128
	Parking Spaces on One Floor	-	1,024
	Customized Vehicle Types	-	10
	Vehicles	-	500,000
	Vehicles' Cards	-	250,000
	Temporary Cards of One Parking Lot	-	10,000
	Passing Frequency of Lanes	-	1 vehicle per second for single lane
	Regular Report Rules	100	
	Event or Alarm Rules in One Event/Alarm Report	32	
	Records in One Sent Report	10,000 or 10 MB	
Report	Resources Selected for One Report	<ul> <li>20 people counting cameras searched for one people counting report</li> <li>20 ANPR cameras searched for one vehicle analysis report</li> <li>20 queues searched for one queue analysis report</li> <li>20 presets searched for one temperature report</li> </ul>	

			*With this limitation, you can generate a	a neat and clear report via the Control Client
			and it costs less time.	
	Decoding Devices		32	
	Smart Walls		32	
	Views		1,000	
	Cameras in One Vie	ew	256	
	View Groups		100	
	Views in One View	Group	10	
	Concurrent Accesse	es via Control Client	5	
Smart Wall	<b>Operation Logs Sto</b>	rage	500,000	
	Alarms Displayed o	on Smart Wall as Actions	5 alarms per second (each alarm has 16	related cameras).
	LED Smart Walls Linked to a Decoder		69 decoder: 1	
			C10ST: 1	
	LCD Smart Walls Linked to a Decoder		69 decoder: 3	
			C10ST: 3	
	Maximum Output Ports Linked to a LCD Smart Wall		6*10	
	Maximum Output	Ports Linked to a LED Smart Wall	10*12	
		Materials	-	10,000
		Material Size	-	4 GB
	<b>Contents Release</b>	Programs	-	2,000
		Schedules	-	1,000
		Release Records	-	1,000
Digital		Materials Uploading	-	1,024
Signage		Schedules Applying	-	100
	Concurrent	Programs Applying	-	100
	Operation	Combined Operations (material	-	
		uploading, schedule applying,		100
		and program applying)		
	Program	Linked Windows of One Page	-	16

	Media Files in Each Window	-	256
	Broadcast Groups	-	128
	Broadcast Terminals in One Broadcast Group	-	128
Broadcast	Media Libraries	-	100
	Audio Files in One Media Library	-	100
	Broadcast Schedules	-	100
	Security Analyzers	-	E-2124: 32 Silver 4110: 64
Security Inspection	Walk-Through Metal Detectors	-	E-2124: 64 Silver 4110: 128
	Security Inspection Channels	-	E-2124: 500 Silver 4110: 1,000
Others	Streaming Gateway	50 cameras×2 Mbps input and 50 cameras×2 Mbps output	200 cameras×2 Mbps input and 200 cameras×2 Mbps output

## 2.3 Streaming Server

Configurations					
Feature	Low-End	High-End			
CPU	Intel <sup>®</sup> Core™ i5-4590 @ 3.30 GHz	Intel <sup>®</sup> Xeon <sup>®</sup> E-2124 @ 3.30 GHz			
RAM	8 GB	16 GB			
NIC	GbE Network Interface Card	GbE Network Interface Card			
HDD Type SATA-II 7200 RPM Enterprise Class Hard Drives SATA-II 7		SATA-II 7200 RPM Enterprise Class Hard Drives			
HDD Capacity	10 GB for Streaming Server Log Files	10 GB for Streaming Server Log Files			
Maximum Performance					

Input and Output 200 streams×2 Mbps input and 200 streams×2 Mbps output 300 streams×2 Mbps input and 300 streams×2 Mbps output
--

## **Chapter 3 Client Performance**

### **3.1 Decoding Performance**

Notes:

- The performance refers to maximum live view channels within up to 80% of CPU consumption (software decoding) or up to 80% of video engine load/decoding value (hardware decoding).
- You can switch to hardware decoding in **System -> Image**. If the OS of your PC is Windows 7, make sure DirectX (D3DX9\_43.dll and D3DCompiler\_43.dll) have been installed, or the hardware decoding will fail and it will switch to software decoding. To realize hardware decoding and reach the following maximum decoding performance, click <u>here</u> to download and install DirectX.

Configurations						
Feature	Configuration 1			Configuration 2	(	Configuration 3
CPU	Intel <sup>®</sup> Core™ i5-9400/F			Intel <sup>®</sup> Core™ i3-8100 @ 3.60 GHz	Intel <sup>®</sup> Core™ i7-	8700k @ 3.70 GHz
RAM	8 GB		8 GB	16 GB	16 GB	
NIC	GbE Network Interface Card		GbE Network Interface Card	DE Network Interface Card GbE Network Interface Card		
Graphics Card	NVIDIA <sup>®</sup> GeForce GTX 1050Ti		Intel <sup>®</sup> UHD Graphics 630+GT1030	NVIDIA <sup>®</sup> GeFore	ce RTX 2080	
OS	Microsoft <sup>®</sup> Windows 10 (64-bit)		Microsoft <sup>®</sup> Windows 10 (64-bit)	Microsoft <sup>®</sup> Win	dows 10 (64-bit)	
	Performance in Software Decoding					
Encoding	Frame	Bit Rate	Resolution	Maximum Live View Channels		
Format	Rate (fps)	Rate (fps) (Mbps)	Resolution	Configuration 1	Configuration 2	Configuration 3
	30	0.5	CIF	163	97	193
H.264	30	1	4CIF	81	38	80

	25	16	32 MP	/	/	2
				/	/	
	30	1	720p	40	21	38
H.264+	30	3	1080p	16	8	25
	30	4	3 MP	13	6	14
	30	1	720p	29	14	47
	30	3	1080p	12	5	20
H.265	30	4	3 MP	8	3	13
	30	6	8 MP	2	1	4
	25	16	32 MP	/	/	1
	30	0.5	720p	40	16	56
	30	1	1080p	16	6	28
H.265+	30	2	3 MP	9	4	17
	30	3	8 MP	3	1	5
	Performance in Hardware Decoding					
Encoding	Frame	Bit Rate	Resolution	Dution Maximum Live View Channels		

Format	Rate (fps)	(Mbps)		Configuration 1	Configuration 2	Configuration 3
	30	0.5	CIF	102	57	94
	30	1	4CIF	73	30	76
	30	3	720p	36	16	41
H.264	30	6	1080p	17	8	20
	30	8	3 MP	12	5	14
	30	12	8 MP	5	2	6
	25	16	32 MP	/	/	2
	30	1	720p	38	14	41
H.264+	30	3	1080p	18	7	20
	30	4	3 MP	12	5	14
	30	1	720p	33	16	45
	30	3	1080p	17	8	29
H.265	30	4	3 MP	12	6	21
	30	6	8 MP	4	2	8
	25	16	32 MP	/	/	3
	30	0.5	720p	32	17	50
	30	1	1080p	17	9	28
H.265+	30	2	3 MP	11	6	22
	30	3	8 MP	4	2	8

## **3.2 Control Client Performance**

*Note:* The performance refers to the maximum performance of the Control Client, running on the PC of the following configurations.

Control Client Configuration						
СРU	Intel <sup>®</sup> Core™ i7-9700k @ 3.60 GHz					
RAM	16 GB					
NIC	GbE Network Interface Card					
OS	Microsoft <sup>®</sup> Windows 10 64-bit					
Graphics Card	NVIDIA <sup>®</sup> GeForce GTX 970					
	Maximum Performance					
	Areas	3,000				
	Resources in Each Area	256				
<b>D</b>	Cameras Cached in Total	5,000				
Resource	Cameras When Login in Small Scale Display Mode	Less than 512				
	Cameras Supported in Small Scale Display Mode	10,000				
	Max. Frequency of Alarm and Event Receiving (Face, Access Control, and Entrance & Exit)	100 alarms per second (last for 12 seconds), including 20 alarms with pictures (500 KB each) and 80 without pictures.				
Event and	Average Frequency of Alarm and Receiving (Face, Access Control, and Entrance & Exit)	20 alarms with pictures (500 KB each) and 20 without pictures				
Alarm	Alarms Displayed in Alarm Center	2,000				
	Unacknowledged Alarms Displayed	5,00				
	Alarms in One Export	XLS/CSV: Unlimited PDF: 5,000				
	Alarms Displayed on Smart Wall (Decoding Wall and Graphic Wall)	5 alarms per second				
	Alarms in One Window on Smart Wall	64 Alarms				
	Public Views	100				
	Private Views	100 for each user				
View	Public View Groups	100				
	Private View Groups	100 for each user				
	Cameras in One View	64				
Foverites	Max. Favorites	50 for each user				
Favorites	Resources in One Favorites	64				
	Events Displayed in Event List	500				
	Events in User-Defined Event List	500				
Monitoring	Radar PTZ Cameras and Radars on Map	Less than 20 radar PTZ cameras and 30 radars recommended.				
	Face Comparison Groups Subscribed	10				

	Channels in Live View	256
	Channels in People Density Live View	8
	Windows of Zooming Area in Live View	5
	Channels in Two-Way Audio	1
	Channels in Playback	16
	Channels in Reverse Playback	9
	Windows of Zooming Area in Playback	5
	Channels in Synchronous Playback	16
	Channels in Visual Tracking	1
Door and	Doors or Elevators Controlled in a Batch	1,024
Elevator	Events Displayed in Event List	200 with pictures
Video Intercom	Channels for Video Intercom	1
Broadcast	Devices in One Broadcast	512
Broadcast	IP Speakers in One Broadcast	128
BI	Records in One Export	320,000
	Lanes	8
Parking Lot	Live View of One Lane	1
	Events Displayed in Event List	200 with pictures
Health Monitoring	Nodes in Topology	1,024
	Tasks Waiting for Downloading	500
Download	Tasks Waiting for Uploading	500
Center	Tasks in Downloading Simultaneously	5
	Tasks in Uploading Simultaneously	5
Others	Image Cache	2 GB

