DSS V8 Products Comparison List

V8.7.0

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1 Basic Information

The DSS V8 product comparison list is based on the following firmware version information.

Software		All-in-One	
Product Model	Version	Product Model	Version
DSS Express	V8.7.0	DSS7116D/DR	V8.7.0
DSS Professional	V8.7.0	DSS OneBox	V8.7.0

2 System Requirements

Feature	Description
OS for DSS Professional Server	Microsoft® Windows Server 2019 Standard (64-bit) Microsoft® Windows Server 2022 Standard (64-bit) Microsoft® Windows Server 2025 Standard (64-bit) Microsoft® Windows 10 20H2 Pro (64-bit) Microsoft® Windows 11 21H2 Pro (64-bit) Microsoft® Windows 11 24H2 Pro (64-bit)
OS for DSS Professional PC Client	Microsoft® Windows Server 2019 Standard (64-bit) Microsoft® Windows Server 2022 Standard (64-bit) Microsoft® Windows Server 2025 Standard (64-bit) Microsoft® Windows 10 20H2 Pro (64-bit) Microsoft® Windows 11 21H2 Pro (64-bit) Microsoft® Windows 11 24H2 Pro (64-bit)
OS for DSS Express Server	Microsoft® Windows 10 20H2 Pro (64-bit) Microsoft® Windows 11 21H2 Pro (64-bit) Microsoft® Windows 11 24H2 Pro (64-bit)
OS for DSS Express PC Client	Microsoft® Windows 10 20H2 Pro (64-bit) Microsoft® Windows 11 21H2 Pro (64-bit) Microsoft® Windows 11 24H2 Pro (64-bit)
OS for DSS Mobile Client	iOS 12.0 or later Android 8.0 or later
Web Browser	Chrome: 127 128 129 130 131 Edge:126 127 128 129 130 131 Firefox:128 129 130 131 132 133 Opera: 110 111 112 113 114 115
Database	MariaDB- 10.6.20

3 Server Requirements

3.1 Hardware for DSS Express Server

Feature	Minimum	Recommended
CPU	Intel® Core(TM) I5-13600K CPU@3.50 GHZ	Intel® Core(TM) I7-13700K CPU@3.40 GHZ
Memory	8 GB	16 GB
System Disk	7200 RPM Enterprise Class HDD 1 TB, 200 G free space for DSS	7200 RPM Enterprise Class HDD 1 TB, 500 G free space for DSS
Storage Disk	7200 RPM Enterprise Class HDD	7200 RPM Enterprise Class HDD
Ethernet Port	Ethernet ports@1000 Mbps	Ethernet ports@1000 Mbps

3.2 Hardware for DSS Professional Server

Feature	Minimum	Recommended
CPU	Intel Xeon E-2334 3.4 GHz, 8M cache	Intel Xeon Silver 4310@ 2.1 GHz 12 Core Processor
Memory	16 GB	32 GB
System Disk	7200 RPM Enterprise Class HDD 1TB	7200 RPM Enterprise Class HDD 1 TB
Storage Disk	7200 RPM Enterprise Class HDD 1 TB, 500 GB free space for DSS	7200 RPM Enterprise Class HDD 1 TB, 500 GB free space for DSS
Ethernet Port	2 Ports@1000 Mbps	4 Ports@1000 Mbps

4 System Deployment

	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
OS	Windows	Windows	Windows	Linux	Windows
Form	Software	Software	Software	All-in-One	All-in-One
Type of Deployment	Single-server	Single-server	Distribute	Distribute	Single-server
Multi-site	x	Works as a Lower-level Site	Works as a Upper-level or Lower-level Site	x	x
Hot Standby	x	x	√	√	x
Remote Disaster Recovery	x	x	√	x	x
Distribute	x	x	√	√	x
N+M	x	x	√	√	x
Multi-site as Current Site	x	x	√	x	x
Multi-site as Remote Site	x	√	√	x	x
Plugin Deployment	x	x	√	x	x
MSI Installation Package for PC Client	√	√	√	√	x

5 Performance

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
Organization, Role & User	Organizations		10 levels; 999 organizations in total	10 levels; 999 organizations in total	10 levels; 999 organizations in total	10 levels; 999 organizations in total	10 levels; 999 organizations in total	10 levels; 999 organizations in total	10 levels; 999 organizations in total
	Role (User Permission)		20	20	20	500	500	100	20
	Users		50	50	50	2,500	2,500	200	50
	Online Users (PC, Agile App, and CC Agile App)		10	10	10	10	200	50	10
	Roles per User		32	32	32	32	32	32	32
	DSS Agile VDP User		x	50 online users and 500 total users	50 online users and 500 total users	50 online users and 5,000 total users	500 online users and 5,000 total users	500 online users and 5,000 total users	50 online users and 500 total users
	User Groups		20	20	20	20	20	20	20
	Users in a Single User Group		50	50	50	500	500	200	50
Recording Plan	General Recording Plans		64	64	256	256	3,000	3,000	x
	Motion Detection Recording Plans		64	64	256	256	3,000	3,000	x
	Video Retrieval Plans		x	x	x	256	3,000	3,000	x
	File Retrieval Plans		x	x	x	256	3,000	x	x
Live View and Playback	Total Public View Folders		999	999	999	999	999	999	999
	Total Public Views		1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Total Private View Folders		999 per user	999 per user	999 per user	999 per user	999 per user	999 per user	999 per user
	Total Private Views		1,000 per user	1,000 per user	1,000 per user	1,000 per user	1,000 per user	1,000 per user	1,000 per user

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
Live View and Playback	Favorites Level		10	10	10	10	10	10	10
	Total Favorites		999 per user	999 per user	999 per user	999 per user	999 per user	999 per user	999 per user
	Device Channels for Total Favorites		2,000 per user	2,000 per user	2,000 per user	2,000 per user	2,000 per user	2,000 per user	2,000 per user
	Max Number of Tags		10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user
	Max Number of Locked Videos		10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user	10,000 per user
	Max Linked Tracking Channels per Channel		x	x	x	8	8	x	x
	Max Number of Simultaneous Video		5	5	5	5	5	5	5
	Max Number of Tours per User		20	20	20	20	20	20	20
Video Wall	Video Walls		x	32	32	32	32	32	32
	Video Wall Schemes		x	64	64	128	128	128	64
	Touring Videos per Video Wall Window		x	64	256	256	512	512	128
Event	Event Sources for Event Rules		256 event sources	64 event sources	256 event sources	256 event sources	3,000 event sources	3,000 event sources	128 event sources
	Combined Events Rules		x	100	100	100	100	100	100
	Combined Events		x	128	128	128	1,000	1,000	128
	Generic Event Rules		50	50	50	500	500	500	50
DeepXplore	Max Number of Channels Searched at a Time		64	64	200	200	200	200	128
	Max Video Analysis Tasks (Local Task + Recording Task)		x	x	x	3,000	3,000	x	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
Map	Hierarchies		8	8	8	8	8	8	8
	Size of Offline GIS Map		x	x	x	1 GB	1 GB	1 GB	x
	Maximum Size of Raster Map		15 MB	15 MB	15 MB	15 MB	15 MB	15 MB	15 MB
	Raster Map Resolution		8,100 × 8,100	8,100 × 8,100	8,100 × 8,100	8,100 × 8,100	8,100 × 8,100	8,100 × 8,100	8,100 × 8,100
	Raster Maps		32	32	32	32	256	256	32
	Resources on GIS Map		x	x	x	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 20,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	x
	Resources per Raster Map		Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)	Up to 300 (After merging) Up to 2,000 (Before merging)
	Static Visual Range		64	64	256	256	1,000	1,000	128
Group Talk	Groups		x	x	x	200	200	x	x
	Users per Group		x	x	x	200	200	x	x
	Concurrent Calls			x	x	200	200	x	x
	Users Online at the Same Time			x	x	200	200	x	x
	Max Number of Users for Group Talk			x	x	10,000	10,000	x	x
Person and Vehicle Management	Person and Vehicle Groups		999	999	999	999	999	999	999
	Group Levels		10	10	10	10	10	10	10
	Total Persons		5,000	5,000	5,000	5,000	500,000	100,000	5,000
	Persons on the DSS Platform		5,000	5,000	5,000	5,000	300,000	100,000	5,000

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
Person and Vehicle Management	Persons from Third-party Systems		x	x	x	5,000	30,000	x	x
	Person Groups a Person can Belong to		20	20	20	20	20	20	20
	Cards		x	10,000	10,000	10,000	600,000	200,000	10,000
	Faces		x	5,000	5,000	5,000	500,000	100,000	5,000
	Fingerprints		x	10,000	10,000	10,000	600,000	200,000	10,000
	Palm Veins			10,000	10,000	10,000	600,000	200,000	10,000
	Vehicles		5,000	5,000	5,000	5,000	50,000	20,000	5,000
Face and Vehicle Arming Lists	Total Faces		5,000	5,000	5,000	5,000	500,000	100,000	5,000
	Face Arming Lists		50	50	50	50	50	50	50
	Face Comparison Databases (General Arming Database)		50	50	50	50	50	50	50
	Face Comparison Databases (Mobile Arming Database)		x	x	x	50	50	x	x
	Faces per General Face Comparison Database		5,000	5,000	5,000	5,000	50,000	50,000	5,000
	Faces per Mobile Face Comparison Database		x	x	x	5,000	10,000	x	x
	People in Total Face Comparison Groups (Mobile and General Arming Databases)		5,000	5,000	5,000	5,000	500,000	100,000	5,000
	Total Vehicle Arming Groups (Mobile and General Arming Databases)		8	8	8	50	50	16	8
Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox

			/	Minimum	Recommended	Minimum	Recommended	/	/
			Performance						
Face and Vehicle Arming Lists	Total Vehicle Arming Groups (General Arming Database)		8	8	8	50	50	16	8
	Total Vehicle Arming Groups (Mobile Arming Databases)		x	x	x	50	50	x	x
	Vehicles per General Vehicle Arming Group		5,000	5,000	5,000	5,000	50,000	20,000	5,000
	Vehicles per Mobile Vehicle Arming Group		5,000	5,000	5,000	5,000	10,000	x	x
Access Control	Zones		x	999	999	999	999	999	999
	Zone Levels		x	10	10	10	10	10	10
	Access Rules (Doors and Lifts)		x	50	50	50	500	200	50
	Door Access Rules		x	50	50	50	500	200	50
	Lift Access Rules		x	x	x	30	300	200	50
	Persons for Access Rules (Doors and Lifts)		x	x	x	5,000	100,000	100,000	5,000
	Persons for Door Access Rules		x	5,000 (1 password, 2 face images, 3 fingerprints, 2 palm veins, and 5 cards for...	5,000 (1 password, 2 face images, 3 fingerprints,2 palm veins, and 5 cards for...	5,000 (1 password, 2 face images, 3 fingerprints, and 5 cards for each person)	100,000 (1 password, 2 face images, 3 fingerprints 2 palm veins...	100,000 (1 password, 2 face images, 3 fingerprints, 2 palm veins, and 5 cards...	5,000 (1 password, 2 face images, 3 fingerprints, 2 palm veins, and 5 cards for...
	Persons for Lift Access Rules		x	x	x	5,000	100,000	100,000	5,000
	Global Anti-passback Rules		x	x	x	16	16	x	4
	Anti-passback Groups per Global Anti-passback Rule		x	x	x	2–4	2–4	x	2–4

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
			Performance						

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Access Control	Card Readers per Anti-passback Group for Global Anti-passback Rule (by Route)	x	x	x	64	64	x	32
	Card Readers per Anti-passback Group for Global Anti-passback Rule (by Area)		x	x	64	64	x	32
	Global Interlock Rules	x	x	x	16	16	x	4
	Door Access Points per Group for the Rule of Global Interlock within Groups	x	x	x	2–4	2–4	x	2–4
	Interlock Groups for the Rule of Global Interlock between Groups	x	x	x	2	2	x	2
Access Control	Doors per Interlock Group for the Rule of Global Interlock between Groups	x	x	x	1–4	1–4	x	1–4
	Total Public Passwords	x	1,500	1,500	1,500	1,500	1,500	1,500
	Max Public Passwords per Device	x	500	500	500	500	500	500
	Scheduled Verification Plans		64	64	64	64	64	64
Video Intercom	Rooms (Manually Added)	x	x	x	5,000	5,000	x	x
	Persons per Room	x	20	20	20	20	20	20
	VDP Accounts per Room	x	20	20	20	20	20	20
Visitor	Appointments in Progress	x	50,000	50,000	50,000	50,000	50,000	50,000
	Visitor Permission Groups	x	50	50	50	50	50	50

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance								
	People Counting Groups	x	4	4	30	30	8	4

	Contents		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Intelligent Analysis	Max Rules per People Counting Group		x	20	20	20	20	20	20
	Max Number of Channels for Extracting People Counting Data at a Time		x	16	16	100	100	100	16
	Max Number of Metadata Statistics Channels Searched at a Time		x	16	16	200	200	200	16
	Max Crowd Distribution Statistics Groups		x	4	4	30	30	8	4
	Max Rules per Crowd Distribution Statistics Group		x	20	20	20	20	20	20
	Max Channels for Extracting Crowd Distribution Data at a Time		x	16	16	100	100	16	16
	Max Vehicle Density Statistics Groups		x	4	4	30	30	8	4
	Max Rules per Vehicle Density Distribution Statistics Group		x	20	20	20	20	20	20
	Max Channels for Extracting Vehicle Density Data at a Time		x	16	16	100	100	16	16
Parking Lot	Parking Lot Organization Level		10	10	10	10	10	10	10
	Total Parking Lot Organizations		999	999	999	999	999	999	999
	Vehicles		x	5,000	5,000	5,000	50,000	20,000	5,000
	Total Vehicle Groups		x	8	8	512	512	256	8
	Vehicle Groups per Parking Lot		x	8	8	50	50	16	8
Performance									
	Main Parking Lots		x	1	1	4	16	8	1
	Sub Parking Lots in a Single Main Parking Lot		x	x	x	16	16	16	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Parking Lot	Total Entrance/Exit Points		x	4	4	32	128	64	4
	Total Entrances and Exits		x	4	4	32	128	64	4
	Entrances		x	4	4	32	128	64	4
	Exits		x	4	4	32	128	64	4
	Max Number of Parking Space Categories (Unclassified Excluded)		x	x	x	5	5	x	x
	Max Number of Parking Spaces per Category (Unclassified Excluded)		x	x	x	1,000	1,000	x	x
	Total Reserved Parking Spaces		x	x	x	10,000	10,000	x	x
	Total Reserved Parking Space Groups		x	x	x	3,000	3,000	x	x
	Reserved Parking Space Groups for per Single Parking Lot		x	x	x	3,000	3,000	x	x
	Parking Spaces for per Reserved Parking Space Group		x	x	x	1,000	1,000	x	x
	License Plates for per Reserved Parking Space Group		x	x	x	1,000	1,000	x	x
	Parking Space Detectors per Parking Lot		x	x	x	100	500	x	x
	Parking Space per Parking Lot		x	x	x	300	1,500	x	x
	Parking Space Available Displays per Parking Lot		x	x	x	10	30	x	x
Performance									
	Total Layers		x	x	x	32	128	x	x
	Layers per Parking Lot		x	x	x	16	16	x	x
	Image Size per Layer		x	x	x	15 MB	15 MB	x	x
	Resolution per layer		x	x	x	8,100 x 8,100	8,100 x 8,100	x	x

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Parking Lot	Resources per Layer (parking spaces not included)	x	x	x	200	600	x	x
	Parking Spaces per Layer	x	x	x	300	1,000	x	x
	Vehicle Search Rules	x	x	x	32	32	x	x
	Vehicle Search Point Links per Vehicle Search Rule	x	x	x	32	32	x	x
	Parking Overtime Rules	x	128	128	128	128	x	128
	Max Number of Time Periods per Day for Each Overtime Parking Rule	x	6	6	6	6	x	6
	Rules Displayed per Parking Space Available Display	x	x	x	6	6	x	x
	Rules of Sending Scheduled Reports	x	32	32	32	32	32	32
Maintenance Center	Alert Rules	x	x	x	256	3,000	3,000	x
	SNMP Protocol Manufacturers	x	x	x	5	5	x	x
AR	Tag Templates	x	x	x	50	50	x	x
	Tags for per AR Channel	x	x	x	50	50	x	x
	Live Video Channels Bound to a Single Tag	x	x	x	5	5	x	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
AR	Recorded Video Channels Bound to a Single Tag		x	x	x	5	5	x	x
	Locally Uploaded Images per Tag		x	x	x	5	5	x	x
	Linked Channels for per Tag		x	x	x	16	16	x	x

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Quick Command	Quick Commands per User	20	20	20	20	20	20	20
	Commands per Quick Command	20	20	20	20	20	20	20
IP Speaker	Max Broadcasting Channels	x	x	x	256	256	x	x
	Customized IP Speaker Groups	x	x	x	20	20	x	x
Notification Center Message		1,000	1,000	1,000	1,000	1,000	1,000	1,000
Synthesis	Event Synchronization Projects	x	x	x	5	5	x	x
	Incoming Triggered Event Types per Event Synchronization Project	x	x	x	300	300	x	x
	System Integration Projects	x	x	x	5	5	x	x
	Event Types per System Integration Project	x	x	x	300	300	x	x
	Total Trigger Out Event Sources	x	x	x	3,000	3,000	x	x
	SNMP Event Sources	x	x	x	3,000	3,000	x	x
	Total BACnet Event Sources (Sum of Event Sources for Each Object)	x	x	x	3,000	3,000	x	x
	Total BACnet Objects	x	x	x	3,000	3,000	x	x
	Max Event Sources per BACnet Object	x	x	x	3,000	3,000	x	x
	Total Modbus Event Sources	x	x	x	3,000	3,000	x	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
Retail Plug-in	Persons		x	x	x	5,000	50,000	x	x
	Total Areas		x	x	x	100	100	x	x
	Total Stores		x	x	x	100	500	x	x
	Floors Supported by a Single Store		x	x	x	B2–F8 (10 floors)	B2–F8 (10 floors)	x	x

		DSS Express (Free Version)	DSS Express (License Version) Minimum	DSS Express (License Version) Recommended	DSS Professional Minimum	DSS Professional Recommended	DSS7116D/DR	DSS OneBox
	Total People Counting Areas for Stores	x	x	x	200	1,000	x	x
	Max People Counting Areas for per Store	x	x	x	10	10	x	x
	Rules of Sending Scheduled Reports	x	x	x	32	32	x	x
Intelligent Inspection Plug-in	Inspection Organizations	x	x	x	999	999	x	x
	Inspection Organization Levels	x	x	x	10	10	x	x
	Templates of Inspection Object Type	x	x	x	1,000	1,000	x	x
	Inspection Objects	x	x	x	2,000	10,000	x	x
	Inspection Points	x	x	x	2,000	10,000	x	x
	Inspection Points for per Inspection Object	x	x	x	100	100	x	x
	Inspection Objects for per Organization	x	x	x	1,000	1,000	x	x
	Inspection Plans	x	x	x	200	1,000	x	x
	Inspection Plans for per Inspection Organization	x	x	x	1,000	1,000	x	x
	Inspection Objects for per Inspection Plan	x	x	x	100	100	x	x
	Inspection Points per Inspection Plan	x	x	x	100	100	x	x
	Max Execution Time Points for per Inspection Plan	x	x	x	24	24	x	x

Contents		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Performance								
	Total Attendance Groups	x	x	x	200	1,000	x	x
	Max People for All Attendance Groups	x	x	x	10,000	50,000	x	x
	Max People for per Attendance Group	x	x	x	2,000	2,000	x	x
	Total Classrooms	x	x	x	200	1,000	x	x

Category	Content	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Education Plug-in	Max Face Recognition Channels Bound to a Single Classroom	x	x	x	5	5	x	x
	Total Courses	x	x	x	1,000	5,000	x	x
	Total Course Templates	x	x	x	50	50	x	x
	Max People can be Selected for per Class Scheduling	x	x	x	2,000	2,000	x	x
	People Already Scheduled with Classes for per Classroom	x	x	x	2,000	10,000	x	x
	People Having Classes at the Same Time (Single Server)	x	x	x	800	4,000	x	x
	People Having Classes at the Same Time (Multi-Servers)	x	x	x	x	40,000	x	x
	Total Campus Attendance Points	x	x	x	64	64	x	x
	Total Campus Attendance Rules	x	x	x	50	50	x	x
Data Storage	Total Database Records	10,000,000	10,000,000	10,000,000	20,000,000	100,000,000	20,000,000	10,000,000
	Event Records	2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Face Recognition Records	2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	ANPR Records	2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Performance									
	Video Metadata Records		2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Access Records		x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Analysis Records for People Enter and Exit		x	2,000,000	2,000,000	5,000,000	5,000,000	5,000,000	2,000,000
	Video Intercom Records		x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Group Talk Records		x	x	x	5,000,000	20,000,000	x	x

		DSS Express (Free Version)	DSS Express (License Version) Minimum	DSS Express (License Version) Recommended	DSS Professional Minimum	DSS Professional Recommended	DSS7116D/DR	DSS OneBox
Data Storage	Visitor Records	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Historical People Counting Records	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	In Area Statistical Records	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Heat Map Records	x	2,000,000	2,000,000	5,000,000	5,000,000	5,000,000	2,000,000
	Hourly/Daily/Monthly Face Statistics	x	2,000,000	2,000,000	5,000,000	20,000,000	x	2,000,000
	Hourly/Daily/Monthly Human Body Statistics	x	2,000,000	2,000,000	5,000,000	20,000,000	x	2,000,000
	Hourly/Daily/Monthly Motor Vehicle Statistics	x	2,000,000	2,000,000	5,000,000	20,000,000	x	2,000,000
	Hourly/Daily/Monthly Non-motor Vehicle Statistics	x	2,000,000	2,000,000	5,000,000	20,000,000	x	2,000,000
	Entrance Records (Vehicle Enter Records)	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Exit Records (Vehicle Exit Records)	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Parking Records	x	x	x	5,000,000	20,000,000	x	x
	Forced Exit Records (Vehicle Forced Exit records)	x	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Vehicle Parking Duration Records	x	x	x	5,000,000	20,000,000	x	x

Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
	/	Minimum	Recommended	Minimum	Recommended	/	/
Performance							

		DSS Express (Free Version)	DSS Express (License Version) Minimum	DSS Express (License Version) Recommended	DSS Professional Minimum	DSS Professional Recommended	DSS7116D/DR	DSS OneBox
	Parking Duration Records of Parking Space	x	x	x	5,000,000	20,000,000	x	x
	Mobile Device Records	x	x	x	5,000,000	20,000,000	x	x
	POS Records	x	x	x	5,000,000	20,000,000	x	x
	POS Event	x	x	x	5,000,000	20,000,000	x	x

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Data Storage	Operation & Maintenance Alarm Records	x	x	x	5,000,000	20,000,000	5,000,000	x
	Maintenance Fault Records	x	x	x	5,000,000	5,000,000	5,000,000	x
	Operator Logs	2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
	Plug-in Logs	x	x	x	5,000,000	20,000,000	x	x
	Service Logs	2,000,000	2,000,000	2,000,000	5,000,000	20,000,000	5,000,000	2,000,000
Data Storage-Independent Data Deployment	Event Records	x	x	x	x	30,000,000	x	x
	Face Recognition Records	x	x	x	x	30,000,000	x	x
	ANPR Records	x	x	x	x	30,000,000	x	x
	Video Metadata Records	x	x	x	x	30,000,000	x	x
Data Storage-Retail Plug-in	Accurate People Flow	x	x	x	5,000,000	5,000,000	x	x
	General People Flow	x	x	x	5,000,000	5,000,000	x	x
	Queue Analysis	x	x	x	5,000,000	5,000,000	x	x
	People Flow Analysis in Region	x	x	x	5,000,000	5,000,000	x	x

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
	Performance							
Data Storage-Retail Plug-in	Analysis of Heat Map	x	x	x	5,000,000	5,000,000	x	x
	General Customer Portrait	x	x	x	5,000,000	5,000,000	x	x
	Accurate Customer Portrait	x	x	x	5,000,000	5,000,000	x	x
Data Storage-Intelligent Inspection Plug-in	Inspection Records	x	x	x	5,000,000	20,000,000	x	x
	Inspection Point Records	x	x	x	5,000,000	20,000,000	x	x

Data Storage-Education Plug-in	Class Attendance Records	x	x	x	5,000,000	20,000,000	x	x
	School Attendance Records	x	x	x	5,000,000	20,000,000	x	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Single Server									
Total Devices	Devices		64 devices	128devices	512 devices	512 devices	2,000 devices	2,000 devices	182 devices
	Auto-Registered Devices		64 devices	128 devices	512 devices	512 devices	1,000 devices	1,000 devices	182 devices
	Total Video Devices and Channels		64 devices; 64 channels	64 devices; 64 channels	256 devices; 256 channels	256 devices; 256 channels	1,000 devices; 2,000 channels	500 devices; 1,000 channels	128 devices；128 channels
	P2P Devices		32 devices	32 devices	32 devices	32 devices	32 devices	32 devices	32 devices
	Add Devices by ONVIF		8 devices; 8 channels	64 devices; 64 channels	256 devices; 256 channels	256 devices; 256 channels	1,000 devices; 2,000 channels	500 devices; 1,000 channels	×
	Add Devices by Hikvision Protocol		x	x	x	256 devices; 256 channels	500 devices; 2,000 channels	x	x

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Video Devices and Channels	Add Devices by RTSP	64 devices; 64 channels	64 devices; 64 channels	256 devices; 256 channels	256 devices; 256 channels	1,000 devices; 2,000 channels	500 devices; 1,000 channels	x
	MPT Devices	x	x	x	32 devices; 32 channels	100 devices; 100channels	x	x
	EEC Devices	x	x	x	8 devices	32 devices	x	✕
	MDVR/MNVR	x	x	x	32 devices; 256 channels	100 devices; 8,000 channels	x	✕
	Face Recognition Devices and Channels	8 devices; 8 channels	8 devices; 8 channels	8 devices; 8 channels	64 devices; 64 channels	100 devices; 500 channels	20 devices; 100 channels	8 devices; 8 channels
	ANPR Channels	8 channels	8 channels (4 channels for entrance)	8 channels (4 channels for entrance)	64 channels (32channels for entrance)	500 channels (128 channels for entrance)	100 channels (64 channels for entrance)	8 channels(4 channels for entrance)
	Video Metadata Channels	8 channels	8 channels	8 channels	64 channels	500 channels	100 channels	8 channels
Intelligent Analysis	People Counting Channels	x	16 channels	16 channels	16 channels	100 channels	32 channels	16 channels
	Heat Map Channels	x	16 channels	16 channels	16 channels	100 channels	32 channels	16 channels
ACS Devices	Access Control Devices and Lift	x	16 devices; 16 channels	64 devices; 64 channels	64 devices; 64 channels	500 devices; 1,000 channels	200 devices; 500 channels	20 devices; 20 channels
	Total Access Control Devices	x	16 devices; 16 channels	64 devices; 64 doors	64 devices; 64 doors	500 devices; 1,000 doors	200 devices; 500 doors	16 devices; 16 doors
	Access Control Devices on the DSS Platform	x	16 devices; 16 channels	64 devices; 64 doors	64 devices; 64 doors	500 devices; 1,000 doors	200 devices; 500 doors	16 devices; 16 doors

	Contents	DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Single Server								
ACS Devices	Access Control Devices from Third-party Systems	x	x	x	64 devices; 64 doors	500 devices; 1,000 doors	x	x
	Lift Control Devices	x	x	x	64 devices; 64 channels	500 devices; 1,000 channels	100 devices; 200channels	4 devices; 4 channels
	Video Intercom Devices	x	64 devices	256 devices	256 devices	2,000 devices	2,000 devices	16 devices
	Visitor Terminals	x	10devices	10devices	32 devices	32 devices	10 devices	10devices
Alarm Devices	Alarm Controllers	x	4 devices; 40 zones	16 devices; 160 zones	16 devices; 160 zones	1000 devices; 1,0000 zones	64 devices; 640 zones	8 devices; 80 zones
	Emergency Phone Towers	x	x	x	256 devices; 256 channels	1,000 devices; 2,000 channels	20 devices; 40 channels	x

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
	EAS Alarm Channels	x	x	x	256 channels	1, 000 channels	x	x
Security Screening Device	Security Screening Machine	x	x	x	10 devices	20 devices	x	x
	Walk-through Metal Detector	x	x	x	10 devices	60 devices	x	x
Parking Lot Devices	Parking Space Detectors	x	x	x	100 devices; 300 parking spaces	500 devices; 1,500 parking spaces	x	x
	Parking Space Available Displays	x	x	x	50 devices	150 devices	x	x
POS	POS Channels	x	x	x	16 channels	100 channels	x	x
Radars	Radar Devices	x	x	x	4 devices	20 devices	x	x
IP Speaker	IP Speaker (ONVIF)	x	x	x	256 devices	1000 devices	x	x
Network Devices	Switches	x	x	x	64 devices	200 devices	x	x
Multi-site	Sites	x	x	x	100 sites	100 sites	x	x
	Total Devices in Multi-site	x	x	x	1,000 devices; 2,000 channels	10,000 devices; 20,000 channels	x	x
Contents		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Single Server								
Media Transmission Server	Total Incoming Bandwidth per Server	200 Mbps	200 Mbps	200 Mbps	350 Mbps	600 Mbps	600 Mbps	200Mbps
	Incoming Video per Server	200 Mbps	200 Mbps	200 Mbps	350 Mbps	600 Mbps	600 Mbps	200Mbps
	Incoming Picture per Server	50 Mbps	50 Mbps	50 Mbps	100 Mbps	200 Mbps	100 Mbps	50Mbps
	Total Outgoing Bandwidth per Server ①	200 Mbps	200 Mbps	200 Mbps	350 Mbps	600 Mbps	600 Mbps	200 Mbps
	Outgoing Video per Server	200 Mbps	200 Mbps	200 Mbps	350 Mbps	600 Mbps	600 Mbps	200 Mbps
	Outgoing Picture per Server①	50 Mbps	50 Mbps	50 Mbps	100 Mbps	200 Mbps	100 Mbps	50 Mbps
	Total Storage Bandwidth per Server	100 Mbps	100 Mbps	100 Mbps	350 Mbps	600 Mbps	600 Mbps	✕

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
	Video Storage Bandwidth per Server	100 Mbps	100 Mbps	100 Mbps	350 Mbps	600 Mbps	600 Mbps	x
	Picture Storage Bandwidth per Server ①	50 Mbps	50 Mbps	50 Mbps	100 Mbps	200 Mbps	100 Mbps	50 Mbps
	Prerecording Bandwidth for Alarm Recordings	50 Mbps	50 Mbps	50 Mbps	150 Mbps	400 Mbps	400Mbps	×
Central Storage	Central Storage Position	Local Server	Local Server	Local Server	Local Server and IPSAN	Local Server and IPSAN	Local Server and IPSAN	×
	Maximum Capacity per Storage Server	7 Days or 2 TB	2 TB	2 TB	100 TB	400 TB	200 TB	×
Event	Storage of Events or Alarms without Pictures	60 per second	30 per second	60 per second	60 per second	300 per second	240 per second	60 per second
	Access Control Events	x	30 per second	60 per second	60 per second	300 per second	240 per second	20 per second
	Combined Events	x	20 per second	20 per second	20 per second	100 per second	100 per second	20 per second
Third-party Integration	Concurrent SNMP Protocol Push Events	x	x	x	50 per second	50 per second	x	x
	Concurrent Execution of Access Control Commands of Third-party System	x	x	x	15 per second	15 per second	x	x
Contents		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Multiple Servers								
Main-sub system	Number of Sub Servers per System	x	x	x	x	10 servers	5 servers	x
Total Devices (Multi-Servers)	Devices	x	x	x	x	20,000 devices	6,000 devices	x
	Auto-Registered Devices	x	x	x	x	10,000 devices	5,000 devices	x
	Video Devices and Channels	x	x	x	x	10,000 devices; 20,000 channels	2,500 devices; 5,000 channels	x
	P2P Devices	x	x	x	x	32 devices	32 devices	x
	Add devices by ONVIF	x	x	x	x	10,000 devices; 20,000 channels	2,500 devices; 5,000 channels	x
	Add Devices by Hikvision Protocol	x	x	x	x	5,000 devices; 20,000 channels	x	x

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Video Devices and Channels (Multi-Servers)	Add Devices by RTSP	x	x	x	x	10,000 devices; 20,000 channels	2,500 devices; 5,000 channels	x
	MPT Devices	x	x	x	x	300 devices 300 channels	x	x
	EEC Devices	x	x	x	x	32 devices	x	x
	MDVR/MNVR	x	x	x	x	1,000 devices; 8,000 channels	x	x
	Face Recognition Devices and Channels	x	x	x	x	1,000 devices; 5,000 channels	100 devices; 500 channels	x
	ANPR Channels	x	x	x	x	5,000 channels (128 channels for	500 channels (64 channels for	x
	Video Metadata Channels	x	x	x	x	5,000 channels	500 channels	x
Intelligent Analysis (Multi-Servers)	People Counting Channels	x	x	x	x	300 channels	160 channels	x
	Heat Map Channels	x	x	x	x	300 channels	160 channels	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Multiple Servers									
ACS Devices (Multi-Servers)	Access Control Devices and Lift Control Devices		x	x	x	x	1,500 devices; 3,000 channels	600 devices; 1500 channels	x
	Total Access Control Devices		x	x	x	x	1,500 devices; 3,000 doors	600 devices; 1,500 doors	x
	Access Control Devices on the DSS Platform		x	x	x	x	1,500 devices; 3,000 doors	600 devices; 1,500 doors	x
	Access Control Devices from Third-party Systems		x	x	x	x	1,500 devices; 3,000 doors	x	x
	Lift Control Devices		x	x	x	x	1,500 devices; 3,000 channels	300devices; 600channels	x
	Video Intercom Devices		x	x	x	x	2,000 devices	2,000 devices	x
	Visitor Terminals		x	x	10	x	32 devices	10 devices	x
Alarm	Alarm Controllers		x	x	x	x	5000 devices; 10000 zones	320 devices; 3,200zones	x

		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
Devices (Multi-Servers)	Emergency Phone Towers	x	x	x	x	10,000 devices; 20,000 channels	100 devices; 200 channels	x
	EAS Alarm Channels	x	x	x	x	10, 000 channels	x	x
Security Screening Device (Multi-Servers)	Security Screening Machine	x	x	x	x	200 devices	x	x
	Walk-through Metal Detector	x	x	x	x	600 devices	x	x
Parking Lot Devices (Multi-Servers)	Parking Space Detectors	x	x	x	x	2,000 devices; 6,000 spaces	x	✕
	Parking Space Available Displays	x	x	x	x	600 devices	x	x
POS (Multi-Servers)	POS Channels	x	x	x	x	300 channels	x	x
Radars (Multi-Servers)	Radar Devices	x	x	x	x	20 devices	x	x

Contents		DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
		/	Minimum	Recommended	Minimum	Recommended	/	/
Multiple Servers								
IP Speaker (Multi-Servers)	IP Speaker (ONVIF)	×	x	×	x	10000 devices	x	x
Network Devices(Multi-Servers)	Switches	x	x	x	x	500 devices	x	x
Multi-site (Multi-Servers)	Sites	x	x	x	x	100 sites	x	x
Multi-site (Multi-Servers)	Total Devices in Multi-site	x	x	x	x	10,000 devices; 20,000 channels	x	x
Media Transmission	Total Incoming Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x
	Incoming Video Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x
	Incoming Picture Bandwidth①	x	x	x	x	2,000 Mbps	500 Mbps	x
	Total Outgoing Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x
	Outgoing Video Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x

Server (Multi-Servers)	Outgoing Picture Bandwidth①	x	x	x	x	2,000 Mbps	500 Mbps	x
	Total Storage Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x
	Video Storage Bandwidth	x	x	x	x	6,000 Mbps	3,000 Mbps	x
	Picture Storage Bandwidth①	x	x	x	x	2,000 Mbps	500 Mbps	x
	Prerecording Bandwidth for Alarm Recordings	x	x	x	x	4,000 Mbps	2000 Mbps	x
Central Storage(Multi-Servers)	Maximum Capacity per Storage Server	x	x	x	x	4 PB	1 PB	x

Contents			DSS Express (Free Version)	DSS Express (License Version)	DSS Express (License Version)	DSS Professional	DSS Professional	DSS7116D/DR	DSS OneBox
			/	Minimum	Recommended	Minimum	Recommended	/	/
Multiple Servers									
Event (Multi-Servers)	Storage of Events or Alarms without Pictures		x	x	x	x	600 per second	480 per second	x
	Access Control Events		x	x	x	x	600 per second	480 per second	x
	Combined Events		x	x	x	x	100 per second	100 per second	x
Third-party Integration (Multi-Servers)	Concurrent SNMP Protocol Push Events		x	x	x	x	50 per second	x	x
	Concurrent Access Control Commands of Third-party System		x	x	x	x	15 per second	x	x

① Picture Bandwidth: Including event/alarm pictures, face pictures, and vehicle pictures

6 Function

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Access Protocol	ONVIF Protocol	√	√	√	√	×
	Dahua Private Protocol	√	√	√	√	√
	Hikvision Protocol	×	×	√	×	×
	SIA (ADM-CID)	×	×	√	×	×
	SIA (DCS)	×	×	√	×	×
	Jiuzhou Protocol	×	×	√	×	×
	DDIP Protocol	×	√	√	√	√
Adding Mode	IP Address (IPV4)	√	√	√	√	√
	IP Address (IPV6)	√	√	√	√	√
	IP Segment (IPV4)	√	√	√	√	√
	Domain Name	√	√	√	√	√
	Auto-Registered	√	√	√	√	√
	P2P	√	√	√	√	√
	RTSP	√	√	√	√	×
	Discover Device	√	√	√	√	√
	Import Devices	×	√	√	√	√
Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Storage	Network Disk	×	×	√	√	×
	Server Disk	√	√	√	√	√ (Only supports image storage)
	Disk Group	×	×	√	√	×
	Device Storage Config	√	√	√	√	√
User Management	Active Directory User	×	×	√	√	×
	CC Agile User	×	×	√	×	×
	Forced Password Change at First Login	√	√	√	√	√
	Change Password Regularly	√	√	√	√	√
	Bind MAC Address	√	√	√	√	√
Recording Plan	General Recording Plan	√	√	√	√	√
	Motion Detection Recording Plan	√	√	√	√	√
	Video Retrieval	×	×	√	√	×
	File Retrieval	×	×	√	×	×
Backup and Restore	Manual Backup	√	√	√	√	√
	Auto Backup	√	√	√	√	√
Event Config	Alarm Storm	√	√	√	√	√
	Link Video	√	√	√	√	√
	Trigger Snapshot	√	√	√	√	√
Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
	Link PTZ	√	√	√	√	√

Event Config	Link Alarm Output	√	√	√	√	√
	Link Audio and Light	√	√	√	√	√
	Link Access Control Device	×	√	√	√	√
	Link Video Wall	×	√	√	√	√
	Link IP Speaker	×	×	√	×	×
	Link HTTP URL Command	√	√	√	√	√
	Link E-mail	√	√	√	√	√
	Link Client Sound	√	√	√	√	√
	Event Transferal	×	×	√	x	×
	Alarm Scheme	√	√	√	√	√
	Notify User	√	√	√	√	√
	Notify Users by Group	√	√	√	√	√
	Combined Event	×	√	√	√	√
	Generic Event	√	√	√	√	√

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Person and Vehicle	Person List	√	√	√	√	√
	Domain User Import	×	×	√	√	×

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Information	Lift Control Rules	×	×	√	√	√
	Vehicle List	√	√	√	√	√
Parking Lot Configuration	Parking Lot Organization	×	√	√	x	√
	Main and Sub Parking Lots	×	×	√	√	×
	Parking Lot without Barrier	×	√	√	√	√
	No Entrance & Exit Parking Lot	×	√	√	√	√
	Open Barrier by Two-Factor Verification	×	√	√	√	√
	Parking Space Detector	×	×	√	×	×
	Parking Guidance	×	×	√	×	×
	Parking Space Category	×	×	√	x	×
	Reserved Parking Space	×	×	√	√	×
	Parking Spaces for Personnel	×	×	√	√	×
	Parking Spaces for Vehicle Groups	×	×	√	√	×
	Scheduled Report Sending	×	√	√	√	√
Maintenance Center	Alert Rule	×	×	√	√	×
	Video Storage Detection Config	×	×	√	√	×
Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Synthesis	Event Sync	×	×	√	×	×
	Data Sync	×	×	√	×	×
	System Integration	×	×	√	×	×

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Monitoring Center	Live View	√	√	√	√	√
	Visual Tracking	×	×	√	x	×
	Face Recognition	√	√	√	√	√
	ANPR	√	√	√	√	√
	Video Metadata	√	√	√	√	√
	Video Wall	×	√ (NVD only)	√	√	√
	GIS Map	×	×	√	√	×
	Raster Map	√	√	√	√	√
	MPT Group Talk	×	×	√	×	×
	AR	×	×	√	×	×
IP Speaker	IP Speaker	×	×	√	×	×
Event Center	Event Statistics	×	×	√	×	×
	Real-time Events	√	√	√	√	√
	Events History	√	√	√	√	√
	Alarm Controller	×	√	√	√	√
	Temporary Disarm	√	√	√	√	√
Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Event Center	Scheme Control	√	√	√	x	√
	Face Feature Search	√	√	√	√	√
	Face Search by Image (Central Intelligence Comparison)	√	√	√	√	√

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
DeepXplore	Face Search by Image (Device Comparison)	√	√	√	√	√
	Human Feature Search	√	√	√	√	√
	Human Search by Image (Central Intelligence Comparison)	×	×	√	×	×
	Human Search by Image (Device Comparison)	√	√	√	√	√
	Person Archive Search	√	√	√	√	√
	Motor Vehicle Feature Search	√	√	√	√	√
	Motor Vehicle Search by Image (Central Intelligence Comparison)	×	×	√	×	×
	Motor Vehicle Search by Image (Device Comparison)	√	√	√	√	√
	Non-Motor Vehicle Feature Search	√	√	√	√	√
	Vehicle Archive Search	√	√	√	√	√
	Mobile Device Records	×	×	√	×	×
	Mobile Device Tracks	×	×	√	×	×
	POS Record Search	×	×	√	×	×
	Card Swiping Record Search	×	√	√	√	√
	Track and Favorites	×	×	√	√	×

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
DeepXplore	Track Playback	×	×	√	√	×
	Recording Task Search	×	×	√	×	×
	Local Task Search	×	×	√	×	×

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Access Management	Case Bank	×	×	√	×	×
	Access Control Panel	×	√ (Lift control not supported)	√	√	√
	Access Records	×	√	√	√	√
	Zone Management	×	√	√	√	√
	Access Rule (General Verification)	×	√	√	√	√
	Access Rule (Normally Open)	×	√	√	√	√
	Access Rule (Normally Closed)	×	√	√	√	√
	Access Rule (First-person Unlock)	×	×	√	√	√
	Access Rule (Multi-person Unlock)	×	×	√	√	√
	Access Rule (Local Anti-passback)	×	√	√	√	√
	Access Rule (Global Anti-passback)	×	×	√	×	√
	Access Rule (Local Multi-door Interlock)	×	×	√	√	√
	Access Rule (Global Multi-door Interlock)	×	×	√	×	√
	Access Rule (Remote Verification)	×	×	√	√	√
	Lift Access Rule (Regular Verification)	×	×	√	√	√
	Video Intercom	×	√	√	√	√

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Access Management	Visit Appointment Registration	×	√	√	√	√
	Statistics Dashboard	×	×	√	×	×
	Entrance and Exit Monitoring	×	√	√	√	√

Classification	Function	DSS Express (Free Version)	DSS Express (License Version)	DSS Professional	DSS7116D/DR	DSS OneBox
Parking Lot	Info Search	×	√ (No parking records)	√	√ (No parking records)	√ (No parking records)
	Parking Information	×	×	√	x	×
	Visualized Parking Lot	×	×	√	×	×
	Vehicle Location Search	×	×	√	×	×
Intelligent Analysis	People Counting	×	√	√	√	√
	Heat Maps	×	√	√	√	√
	In Area No. Analysis	×	√	√	√	√
	Metadata Statistics	×	√	√	x	√
	Crowd Distribution Statistics	×	√	√	√	√
	Vehicle Density Statistics	×	√	√	√	√
Maintenance Center	Workstation	×	×	√	√	√
	Device Status	×	×	√	√	√
	Channel Status	×	×	√	√	√
	Server Status	×	×	√	√	√
	Network Status	×	×	√	×	×
	Alert	×	×	√	√	×
Maintenance Center	Analysis Report	×	×	√	√	×
	Device Update	×	×	√	×	×
	Operator Log	√	√	√	√	√

Logs	Device Log	×	√	√	√	√
	System Log	√	√	√	√	√
	Plug-in Log	×	×	√	×	×
	Extract Service Log	√	√	√	√	√
Plug-in	Inspection Plug-in	×	×	√	×	×
	Retail Plug-in	×	×	√	×	×
	Education Plug-in	×	×	√	×	×

ENABLING A SMARTER SOCIETY AND BETTER LIVING