WHICH VMS IS RIGHT FOR ME?

Dahua's DSS is an all-in-one central management system (CMS)/video management system (VMS). The software encompasses a wide range of video security features and functions such as managing IP cameras and recorders and connecting to third-party cameras through the standard ONVIF protocol.

There are three DSS options that we offer: SmartPSS Lite, DSS Express, and DSS Pro. Each one has its own unique benefits that make it suitable for different security scenarios. Read on to learn the differences between the three options and which DSS best suits your security application.

DSS PROFESSIONAL V8: DAHUA'S FLAGSHIP VMS

DSS Professional V8 is Dahua's flagship video management system. The VMS lets you manage your entire portfolio of security devices from one central platform. This includes NVRs, DVRs, IP/thermal/HDCVI cameras, access control devices, intercoms and video wall devices. DSS's robust architecture facilitates efficient security management across various verticals including retail, gaming, warehouse, cannabis and residential.

The software can support up to 2,000 channels, 1,000 doors, and 400 TB of storage with the ability to scale even larger. The user-friendly interface lets you see live views and recorded playback with just a few clicks and our thumbnail search function facilitates quick identification and retrieval of video clips. DSS Professional V8 also has advanced dewarping for Dahua fisheye cameras.

You only need basic network protocols for initial setup and device additions, making these processes simple and straightforward. For added convenience and 24/7 support, tutorials on setup, configuration, and other common tasks are are available on our Dahua Wiki.

Experience smoother, more efficient security management with DSS Professional V8.
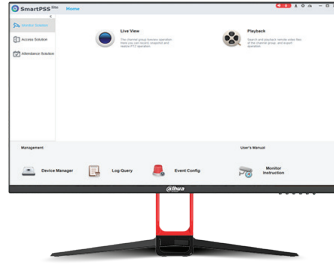
UNDERSTANDING OUR VMS OFFERINGS

We offer three tiers of our DSS management software to give you the flexibility to choose what suits your application best. Read below to see an overview of all three DSS options to see which one is right for you.

SmartPSS Lite: SmartPSS Lite is a free entry-level VMS that is optimized for Dahua devices. With support for up to 64 channels, it offers features like live views, smart search functionality, and detailed employee attendance reports.

DSS Express: Positioned as our middle-tier VMS offering, DSS Express supports up to 256 video channels and seamlessly integrates with Dahua's security products, including access control and video intercom systems1.

DSS Professional: DSS Pro is our most comprehensive security tool. It supports the largest amount of channels and doors (up to 2,000 channels and 1,000 doors) and has the ability to scale to support up to 20,000 channels. Like SmartPSS and DSS Express, DSS Professional seamlessly integrates with all Dahua devices but has advanced features the other two versions do not possess for optimized functionality in a wide range of environments. Among its advanced features are enterprise-level failover capabilities, ONVIF compatibility, and our AcuPick search technology which lets you find, track, and identify persons or vehicles within security footage with just one reference image.

DSS COMPARISON CHART

Feature/Function	SmartPSS Lite	DSS Express v8.3[1]	DSS Pro (Single Server) v8.3
Video Channel	Up to 64 Channels	Up to 256 Channels	Up to 2,000 Channels
Face Detection+ Camera	-	Up to 8 Channels	Up to 500 Channels
ANPR Camera	-	Up to 8 Channels	Up to 500 Channels
Video Metadata Channels	-	Up to 8 Channels	Up to 500 Channels
Playback on Device	✓	✓	✓
People Counting	✓	✓	✓
Event Alarm	✓	✓	✓
AcuPick	-	Single AcuPick NVR	Cross-Device Retrieval
Access Control	64 Devices (64 Doors)	-	15,000 Devices (3,000 Doors)
Video Intercom	256 Devices	-	2,000 Devices
Video Wall	-	✓	✓
Heat Map	-	✓	✓
Multi-Live Windows	-	✓	✓
Recorder Storage	No Local Storage	2 TB	400 TB
Users	---	10 Online Users (50 Total Users)	200 Online Users (2,500 Total Users)
Price	Free	$$	$$$

[1] Although DSS Express supports both access control and video intercom systems, Dahua has discontinued the sales of the One Door Channel License and One Video Intercom License for this VMS. Only the Video Channel License is available for purchase.