



DSS Pro V8.000.0000000.0

Release Notes



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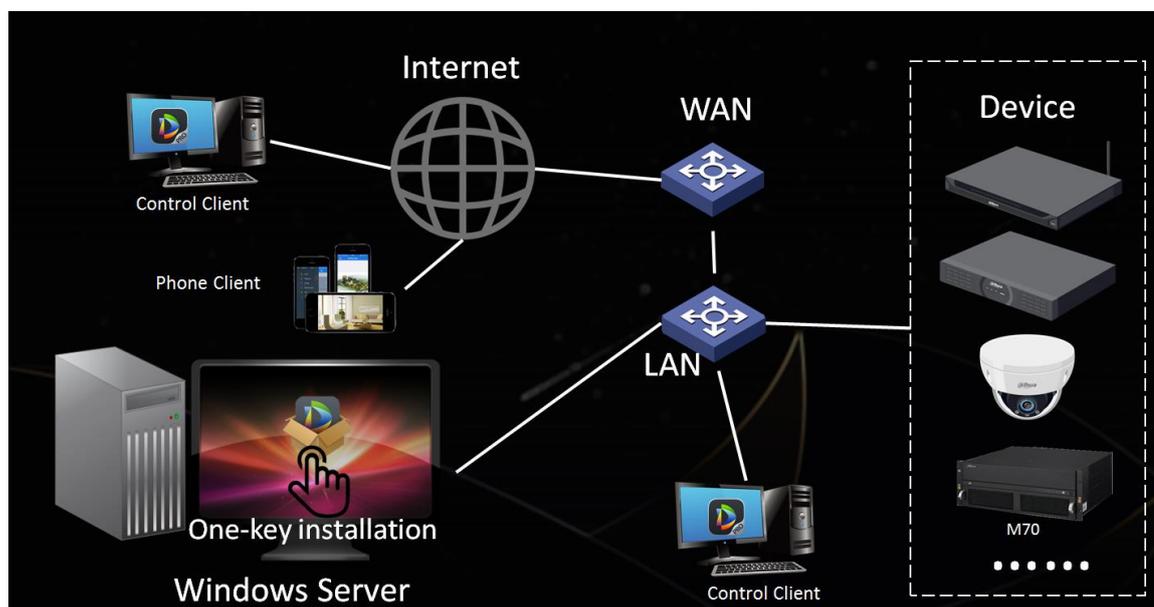
1 Overview

Item	Description
Product Name	DSS Pro
Version	V8.000.0000000.0
Software Package	General_DSS-Pro_Win64_IS_V8.000.0000000.0.R.20200929.exe
OS Requirement	CPU: Intel(R) Xeon(R) Silver 4214 CPU @2.20GHZ 2.19GHZ 12core Memory: 16 GB Network Card: 1 Gps Hard Disk Type: HDD 1 TB DSS Installation Directory Free Space: 500 GB or more
Release Date	Oct 10, 2020

2 Functions and Scenarios of DSS Pro

DSS Pro (Dahua Security Software Professional) is a flexible, scalable, stable, reliable, and more professional integrated security management platform. To deliver high performance, the platform supports distributed deployment, up to 20,000 video channels access, and can be cascaded. The platform provides video surveillance, access control, video intercom, alarm, POS, radar and other businesses. Based on in-depth research on enterprise business, the platform provides rich enterprise business functions, widely used in large and medium-sized industry projects, such as retailing and enterprise parks. Empowered by artificial intelligence, the platform can help improve your management efficiency through intelligent recognition and search functions, such as face recognition and search, license plate recognition and search, and metadata.

Figure 1-1 DSS Pro networking



3 New and Optimized Features

- New user interface of the homepage
- Monitoring Center for central monitoring of videos, ANPR, face recognition, video metadata, and access control
- Investigation Center for archiving incident files including recorded videos and snapshots, and outputting reports
- Event Center for visualized display of real-time and history events and the corresponding analysis
- Maintenance Center for visualized display of system status
- Supports online/offline activation and deactivation
- Supports multi-time-zone application of the basic businesses
- Supports cluster to increase the capacity of device access and event concurrency
- Improved database performance, especially the storage and retrieval performance of businesses with massive data, such as alarm and face business
- Optimized video stream pulling bandwidth
- New user management, more strict permission control, and multiple security guarantees
- Supports unlocking by password with the 1st generation access controllers

- Support displaying video intercom SIP status
- Support of IPC ANPR
- Supports NVR fast-moving events with AI, distinguishing between people and car
- Supports time quota configuration for center recorded videos
- ...

4 Fixed Bugs

- APP cannot be downloaded through scanning the QR code on the indoor monitor (VTH)
- When a person is removed from the platform, the corresponding card and fingerprint info is not deleted on the door station (VTO) in the meanwhile.
- SS crashes during central playback of smart frame
- The import window cannot be closed after face import finishes.
- Manual backup fails in the LAN-WAN environment
- ...

5 Compatibility

See *DSS Pro Upgrade Guide*.

6 OS and Browser Compatibility

Operating Systems:

PC version	Test result
Windows Server 2008	Pass
Windows Server 2012	Pass
Windows Server 2016	Pass
Windows Server 2019	Pass

WIN 10 - 64 bit	Pass
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Browser:

Browser versions	Test result
IE 11	Pass
Chrome 70	Pass
Chrome 85	Pass
Chrome 67	Pass
Chrome 76	Pass
Chrome 79	Pass
Firefox 56	Pass
Firefox 65	Pass
Firefox 61	Pass
Firefox 71	Pass