Synology®

VisualStation

VS600HD

Efficient TV-wall Solution for Surveillance Station

Simplify surveillance management with the VS600HD, a PC-less compact surveillance client that pairs with Synology servers to create a comprehensive monitoring solution. Get the most out of [Synology Surveillance Station](#)[1] with the VS600HD's support for multi-screen output, allowing organizations to keep watch over their premises however they please.

Highlights

- **Optimized for video wall**
  Scale your TV wall with up to 50 video streams

- **Crystal-clear video feeds**
  Catch all important detail with 4K resolution clips and up to 720p/600 FPS IP camera streams

- **Plug-and-play surveillance**
  Experience instant access to Surveillance Station

- **Compliance with US regulations**
  NDAA and TAA compliance meets US government procurement regulations and security requirements

Dual-screen monitoring solution

Maximize screen space and have greater control over your live video feeds.

- Ensure no details go unseen with support for 4K HDMI video output
- Display footage in crisp detail with support for IP camera streams up to an aggregated total of 720p/600 FPS
- Affix onto a monitor with the included VESA mount to make optimal use of available space
- Extend real-time video feeds across two screens or use multiple devices to set up a scalable TV wall

Convenient local management

Effortlessly manage cameras and other devices with the intelligent features built into Surveillance Station using a USB keyboard and mouse.

- Save on space and budget by interacting with Surveillance Station on the VS600HD directly with USB peripherals instead of relying on a standalone PC
- Scrub through timelines to investigate events and set up automated alerts to be notified when they happen
- Display camera streams and events on intuitive multi-floor, multi-site maps, and switch between feeds immediately when alerted
- Leverage AI-powered analytics[2] to boost security and obtain business intelligence by pairing the VS600HD with Synology DVA Series network video recorders

Secure surveillance platform

Enjoy peace of mind, knowing that video feeds and recordings are encrypted and stored safely.

- Protect video streams from unauthorized access by using HTTPS and SRTP capable cameras along with the VS600HD on your surveillance network

- US NDAA/TAA compliance supports use in US public institutions and makes the VS600HD a trusted option for surveillance installers and systems integrators

- Prevent unauthorized access and data leaks with advanced access controls and multiple layers of data encryption

Hardware Overview

VS600HD (Front)

VS600HD (Rear)

1	Power Indicator	2	Status Indicator	3	LAN Indicator	4	HDMI Ports
5	LAN Port	6	USB 3.2 Gen 1 Ports	7	Audio Out (3.5 mm)	8	Audio In (3.5 mm)
9	Power Button	10	Reset Button	11	Power Port		

Technical Specifications

Video & Audio

Video output	• 4K (3840 × 2160, 30 Hz) • 1080p (1920 × 1080, 60 Hz)
Video codecs	H.265, H.264
Total FPS (H.264)	• 600 FPS @ 720p (1280×720), 50 channels • 360 FPS @1080p (1920×1080), 36 channels • 280 FPS @ 3MP (2048×1536), 28 channels • 180 FPS @ 5MP (2591×1944), 18 channels • 120 FPS @ 4K (3840×2160), 12 channels
Total FPS (H.265)	• 600 FPS @ 720p (1280×720), 50 channels • 380 FPS @1080p (1920×1080), 38 channels • 280 FPS @ 3MP (2048×1536), 28 channels • 180 FPS @ 5MP (2591×1944), 18 channels • 130 FPS @ 4K (3840×2160), 13 channels
Max. number of video streams displayed	50
Audio codecs	PCM, AMR, G.711, G.726

General Specifications

Dimensions	41.84 × 150 × 150 mm
Weight	0.36 kg
Power consumption	15.49 W
USB	2 x USB 3.2 Gen 1
Video output	2 x HDMI ports
Audio input/output	• 1 x Audio in (3.5 mm) • 1 x Audio out (3.5 mm)
Ethernet	1 × 1Gbe RJ-45 Ethernet port
AC input power voltage	100 V to 240 V AC
Power frequency	50/60 Hz, single phase

Operating environment	• Temperature: -20°C to 40°C（-4°F to 104°F） • Relative humidity: 8% to 80% RH
Storage environment	• Temperature: -20°C to 60°C (-4°F to 140°F) • Relative humidity: 5% to 95% RH
Interface languages	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svensk, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文

Surveillance Station

Monitoring	• Drag and drop or resize streams to customize layout • Alert panel for a quick display of the most recently triggered events • Pan Tilt Zoom (PTZ) support with configurable PTZ speed • On-screen camera controls: camera zoom, focus, iris adjustment, auto pan, and auto object tracking • Snapshot, and Snapshot Editor supported for instant editing after taking a snapshot • Option to directly initiate reactions using preconfigured I/O widgets • Preview triggered events on multi-floor or multi-location maps, with online map integration for Google Maps and OpenStreetMap
Recording	• Automatic or manual bookmarking of events on the timeline • Supported recording modes: manual, continuous, motion detection, I/O alarm, action rule, and customized • Custom recording modes can be configured as a combination of conditional events, including motion detection, audio detection, tampering detection, and alarm input • Configurable pre-recording and post-recording time • Overlaying of privacy masks and watermarks
Firmware upgrade	Yes

Scan the QR code to download
the detailed Product Specification sheet
https://sy.to/VS600HDdspsqr

Environment and Packaging

Certification	FCC, CE, UKCA, BSMI R33A87 RoHS, VCCI, RCM, EAC, KC
NDAA compliance	Yes
TAA compliance	Yes
Environmental safety	RoHS Compliant
Package contents	• 1 x VS600HD main unit • 1 x AC power adapter • 1 x RJ-45 LAN cable • 1 x VESA mounting kit
Warranty	3 years

Note: Specifications are subject to change without notice. Please refer to the model's specifications page for the most up to date information.

1. Compatible with Surveillance Station 9.1.2 or later.

2. Features available with Synology Deep Learning NVR DVA series.