# Deep Learning NVR Series DVA3221



**Brand:** Synology

**Product Code: DVA3221** 

**Availability:** 10 **Weight:** 4.92kg

**Dimensions:** 166.00mm x 250.00mm x

237.00mm

**Call for Price**:

#### **Short Description**

Synology 4 Bay DVA Deep Learning Video Analytics DVA3221 (Diskless)

#### **Description**

#### **Smarter surveillance**

Combine the comprehensive video management features in <u>Synology Surveillance</u>

<u>Station</u> with advanced analytics to speed up incident response and collect better business intelligence.



Bolster the security of your premises while increasing efficiency.



## Versatile monitoring

Watch over your deployment in the way that works best for you.



## Easy deployment

Quickly set up your surveillance system with minimal effort.

# Advanced analytics platform

Monitor and secure your premises more effectively with locally processed analytics, ensuring security and confidentiality.

## **Deep Learning NVR Series**

# **People & Vehicle Detection**

Trigger immediate or threshold-based alerts using idle times within defined zones for people or vehicles.

# **License Plate Recognition**

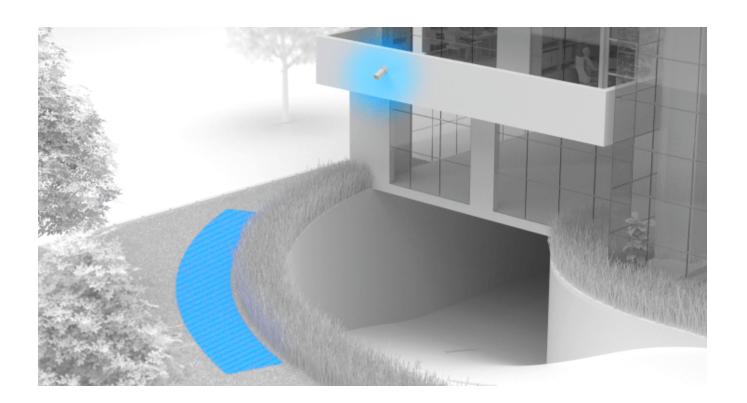
**Intrusion Detection** 

**People & Vehicle Counting** 

**Congestion Alerts** 

**Face Recognition** 

**Face Covering Detection** 



## Flexible monitoring capabilities

Leverage highly configurable options and automation features to act quickly when potentially dangerous situations arise.

#### **Map-supported alerts**

Display real-time previews of detected events on interactive multi-floor and multi-site maps supported by Google Maps and OpenStreetMap.

#### **Automation rules**

Reduce workloads by triggering responses to specific situations, such as activating recording when a microswitch detects a door is opened.

#### **Notifications**

Specify which events should trigger a notification, and whether to receive alerts by SMS, email, or push notification on mobile devices.

## Comprehensive access options

Enjoy a uniform monitoring experience wherever you are and adapt your surveillance

#### **Space-saving installation**

Minimize the footprint of your monitoring setup. The DVA1622's local management capabilities make it an ideal solution for compact home surveillance systems and security kiosks when available space is limited.

#### High definition video output

Connect an external display directly to the built-in HDMI port to start monitoring your premises in minutes.

#### Local management

Control your Surveillance Station installation without setting up a dedicated PC by attaching a mouse and keyboard directly to the DVA1622.

### Anytime, anywhere surveillance

Investigate incidents from anywhere to minimize reaction times and take appropriate action faster.

#### **Multi-platform support**

Monitor streams in real time or browse recorded footage seamlessly from browsers, desktop clients, and mobile apps.

## Monitoring on the go

Install the DS cam app on your iOS and Android mobile devices to always have a monitoring option on hand.

#### Deploy and protect with ease

Get large or multi-site surveillance systems up and running easily while keeping recordings safe from malfunctions and third-party attacks.

## Wide compatibility

Pick from 8,300+ Synology-validated models or leverage ONVIF support for even more flexibility.

# Multi-site management

Manage fleets of recording servers from a single interface.

# **Granular delegation**

Distribute monitoring and managing privileges flexibly.

# Software Specs

Surveillance Station		DVA3221
Video Analysis	Deep Video Analytics	<ul> <li>People and vehicle</li> </ul>
	Features	detection (with
		license plate
		recognition)
		<ul> <li>People counting</li> </ul>
		<ul> <li>Vehicle counting</li> </ul>
		<ul> <li>Intrusion detection</li> </ul>
		<ul> <li>Face recognition</li> </ul>
	Deep Video Analytics Task	People and vehicle
		detection (without
		license plate
		recognition): up to 12
		tasks
		<ul> <li>People and vehicle</li> </ul>

		detection (with license plate recognition): up to 6 tasks  • People counting: up to 12 tasks  • Vehicle counting: up to 12 tasks  • Intrusion detection (detecting specific objects): up to 12 tasks  • Face recognition: up
	Maximum Number of Registrations Supported by Face Database	to 6 tasks 10,000
	Notes	<ul> <li>When recording in 4k resolution, the number of deep video analytics tasks is limited to 8. Learn more</li> <li>DVA3221 supports recognizing license plates on vehicles moving at speeds up to 40 km/h.</li> </ul>
General Specifications	Default Licenses	8 (Additional cameras require
	Suggested Maximum IP Cameras and Total FPS (H.264)	<ul> <li>purchase of licenses)</li> <li>720p: 32 channels,</li> <li>960 FPS</li> <li>1080p: 32 channels,</li> <li>448 FPS</li> <li>3M: 28 channels, 280</li> </ul>
	Suggested Mavimum ID	FPS  • 5M: 19 channels, 190  FPS  • 4K: 13 channels, 130  FPS  • 720p: 32 channels
	Suggested Maximum IP Cameras and Total FPS	• 720p: 32 channels, 960 FPS

Video Codecs	
• G711 • G726 • PCM Notes	-
File System Internal Drives • Btrfs	
• ext4	
External Drives  • Btrfs • ext4 • ext3 • FAT • NTFS • HFS+ • exFAT	
Notes  exFAT Access can be installed for free from Package Center in DSM In DSM 6.2 or earlier versions, exFAT Acces needs to be purchased in Package Center.	
Storage Management Maximum Single Volume 108 TB Size Maximum Internal Volume 64	n

Number	
Supported RAID Type	Synology Hybrid
	RAID
	• Basic
	• JBOD
	• RAID 0
	• RAID 1
	• RAID 5
	• RAID 6
	• RAID 10
RAID Migration	<ul> <li>Basic to RAID 1</li> </ul>
	Basic to RAID 5
	• RAID 1 to RAID 5
	• RAID 5 to RAID 6
Volume Expansion with	<ul> <li>Synology Hybrid</li> </ul>
Larger HDDs	RAID
	• RAID 10
	• RAID 1
	• RAID 5
	• RAID 6
Volume Expansion by	• Synology Hybrid
Adding a HDD	RAID
	• JBOD
	• RAID 5
	• RAID 6 (with
	Expansion Unit)
Global Hot Spare	• Synology Hybrid
Supported RAID Type	RAID
	• RAID 1
	• RAID 5 • RAID 6
	• RAID 0
Notes	Each internal volume
Notes	(may consist of
	multiple drives) is
	expandable up to
	108TB.
	<ul><li>Usable capacity for</li></ul>
	each volume will be
	lower than the
	maximum volume
	size and is dependent
I	size and is dependent

	1	on the filesystem and
		the amount of system
		metadata stored.
File Services	File Protocol	SMB/AFP/NFS/FTP/WebDA
		V
Account & Shared Folder	Maximum Local User	2,048
	Accounts	
	Maximum Local Groups	256
	<b>Maximum Shared Folder</b>	512
General Specifications	Networking Protocols	SMB1 (CIFS), SMB2,
		SMB3, NFSv3, NFSv4,
		NFSv4.1, NFS Kerberized
		sessions, iSCSI, HTTP,
		HTTPs, FTP, SNMP, LDAP,
		CalDAV
	Supported Browsers	Google Chrome
	Supported Language	English, Deutsch, Français,
		Italiano, Español, Dansk,
		Norsk, Svenska, Nederlands,
		???????, Polski, Magyar,
		Português do Brasil,
		Português Europeu, Türkçe,
		?eský, ???????, ???, ???,
		????, ????
VPN Server	<b>Maximum Connections</b>	40

Specification

Intel Atom C3538
64-bit
Quad Core 2.1 GHz
8 GB DDR4 non-ECC
4
Yes
4 (with Link Aggregation / Failover support)
120 mm x 120 mm x 1 pcs
250 W
2
32 GB (16 GB x 2)
3

Hardware Encryption	Yes
Engine (AES-NI) old	

# **Product Gallery**