

LinkStation™ 420 NVR

8-Channel Network Video Recorder with Axis Camera Companion

BUFFALO™

LS420DS

Buffalo Technology, together with Axis Communications, now offer a complete end-to-end SOHO and prosumer surveillance solution: Buffalo's LinkStation™ 420 Network Video Recorder series (LS420DS) is Axis-qualified and comes pre-installed with award-winning Axis Camera Companion software.

The LS420DS delivers Buffalo's high-performance hardware and architecture fully populated with high-quality WD Red hard drives. Combined with Axis Camera Companion users get plug-and-play, seamless, drop-in installation for Network Video Recording in 20 minutes – or less!

The full solution can be completed by adding up to 8 Axis cameras: Thus giving SOHOs and prosumers a complete rock-solid, Axis-qualified solution, as well as warranty and Buffalo's expert technical support all from one hand.

Network surveillance with more than 8 cameras? Buffalo recommends the TeraStation™ NVR (TS5200DS).



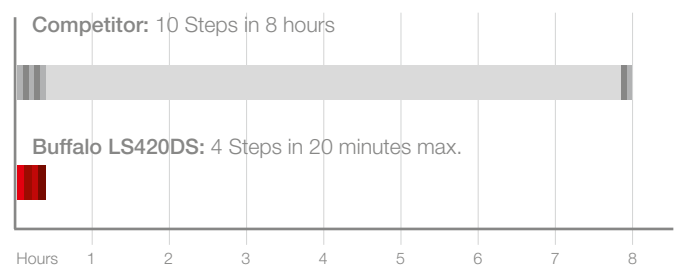
Features and Benefits

- Axis-qualified redundant managed storage for Network Video Recording and archiving
 - Available fully populated with capacities of 2 or 4TB
 - High-performance WD Red hard drives, optimised for NAS
 - Powerful Marvell Armada 370, Dual-Issue processor
 - 512MB of fast DDR3 memory
- Pre-installed with award-winning AXIS Camera Companion software
 - Also supports mobile viewing apps from Axis partners
- One-Click camera and Network Video Recorder configuration
 - Installation complete in as little as 17 minutes
 - Easy setup doesn't require technical or network expertise
 - By far the easiest and quickest NVR NAS setup on the market
- No lengthy RAID check and configuration required
 - Other manufacturer's devices are plagued by 8 or more hours of setup
- Scalable system allows users to add additional cameras as surveillance needs grow
 - Up to 8 Axis camera installations possible
- Warranty and Buffalo's expert technical support over the entire Axis-qualified surveillance solution
- LS420DS series are also full-featured Network Attached Storage devices
 - Advanced RAID 1 technology offers immediate fault-tolerance out-of-the box
 - Ensuring maximum reliability and up-time
 - If a drive does fail, the LS420DS will automatically enable safe removal and replacement
- 3 years warranty and VIP service included:
24h* HDD exchange, no pre-payment required

Setup process for Competition devices:

Enclosure with AXIS Camera Companion and 3 cameras** versus Buffalo LinkStation™ 420DS

	NVR enclosures from various vendors	Buffalo LS420DS
Unpack the unit, connect to power and network	0:05	0:05
Install 2 HDD's (screw on frame, insert)	0:10	0:00
Install OS (for comparable units)	0:15	0:00
Boot	0:05	0:02
Create RAID1	0:06	0:00
RAID check	07:00	0:00
Create shared folder	0:02	0:00
Install AXIS camera companion, create AXIS account	0:05	0:05
Setup 3 cameras to record on NAS	0:10	0:05
Configure NAS for 3 cameras	0:20	0:00
Total	08:18	0:17



* Order has to be placed before 12pm CET, subject to stock availability. Valid within the EU, for other destinations additional shipping time may occur.

** Competitor set up times may vary depending on hardware type and network conditions

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with Axis Camera Companion**

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Product Features

Turnkey Solution

LinkStation™ 420 NVR appliance is a turnkey surveillance solution for small businesses. It is designed for easy, hassle-free deployment with drop-in installation and effortless system setup. In just a few short steps, users can set up and run a fully-functioning surveillance network within minutes.

One-Click Camera Installation

LinkStation™ 420 NVR offers One-Click installation and compatibility with AXIS Camera Companion for quick and seamless network integration. The entire configuration can be completed in a matter of minutes with no technical or network expertise required.

Redundant Managed Storage & Recording

LinkStation™ 420 NVR features redundant storage components for continued operation if failures occur, ensuring maximum reliability and uptime. This advanced RAID 1 technology is completely automated and preconfigured, offering immediate fault-tolerance out of the box.

Supports up to 8 Cameras

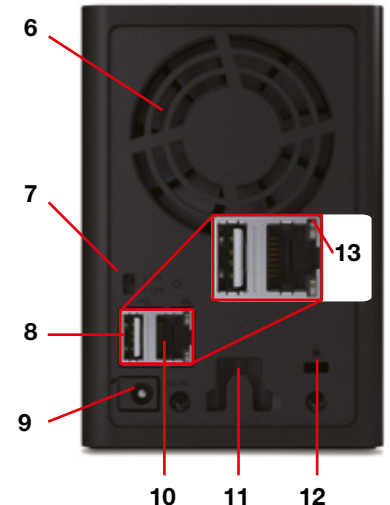
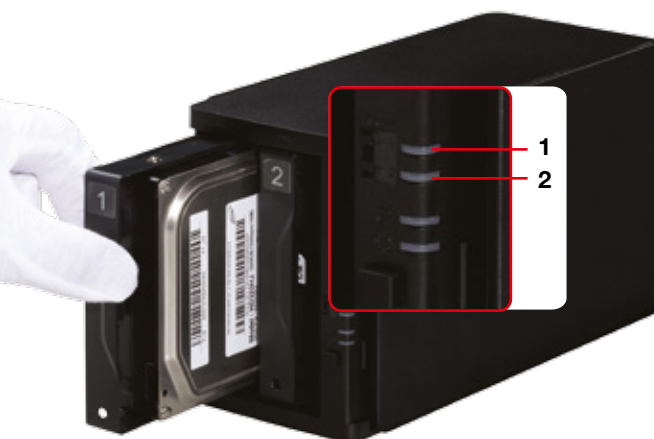
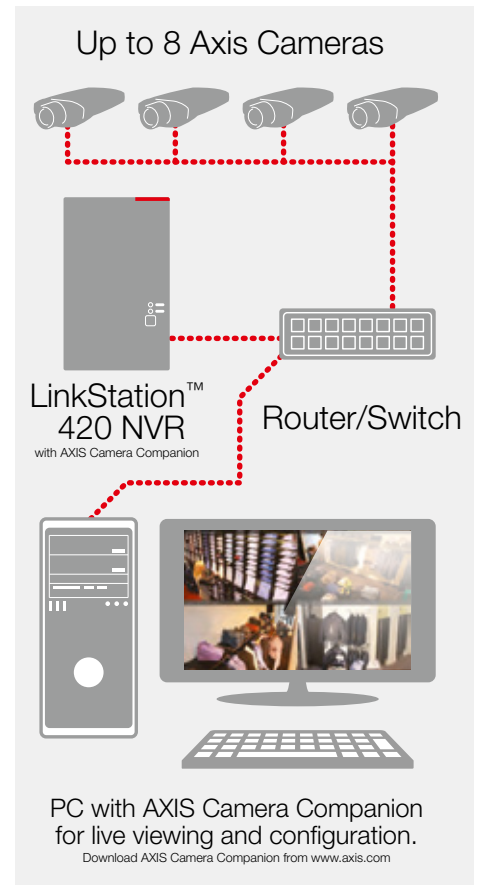
LinkStation™ 420 NVR supports up to 8 HD Axis cameras, running at 30fps, for a sizable network video solution from the start or scalability for the future. Cameras can be added at any time with no added fees.

Use with AXIS Camera Companion

With AXIS Camera Companion, LinkStation™ 420 NVR can record and playback video from any Axis network camera and users can view videos at anytime and anywhere with third party iOS and Android mobile apps. Setup is simple, requiring no complicated installation or network configurations.

Scalable Solution

LinkStation™ 420 NVR offers a scalable solution for months of video retention. Users can start with just a few cameras and easily add more at any time - up to 8 cameras. This turnkey solution offers cost-effective, complete video surveillance management.



- 1 Disk 1 Error LED
- 2 Disk 2 Error LED
- 3 Power LED
- 4 Function LED
- 5 Function Button

- 6 Fan
- 7 Power Switch
- 8 USB 2.0 Port
- 9 Power Connector
- 10 LAN Port

- 11 Hook
- 12 Anti-theft Security Slot
- 13 Link and Activity LED

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Specifications

Hardware	
System	
CPU	Marvell Armada 370 dual issue
RAM	512MB DDR3
Internal Hard Drives	
Number of Drives	2, WD Red (optimised for NAS)
Drive Interface	SATA 2 or 3, 3 Gb/s
Hard Drive Capacities	1, 2TB
Total Capacities	2, 4TB
Supported Operation Mode	RAID 0, 1, and JBOD (unit shipped in RAID 1)
Interfaces	
LAN	
Connector Type	RJ-45
Number of Ports	1
Data Transfer Rates	10/100/1000Mbps
USB	
Standard Compliance	USB 2.0
Connector Type	USB Type A
Number of Ports	1
Data Transfer Rates	480Mbps
Other	
Supported OS	Windows 8/8.1 (32/64 bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows Server® 2012/2012 R2, Windows Server® 2008/2008 R2, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.4-10.9*
Dimensions	87 x 205 x 128 mm
Weight	2.4kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Average 25W
Power Supply	External, AC 100-240V, 50/60Hz
Software	
System	
AXIS® Camera Companion	Camera management and video storage solution: one-click setup for easy management and archiving, up to 8 HD Axis cameras (30fps) supported, no additional licenses needed. Also compatible with mobile viewing apps from Axis partners.
User Quota	Space limitation for users/groups
Protocol Support	
Networking	TCP/IP
File Sharing	CIFS/SMB, AFP, HTTP/HTTPS, FTP
AD Integration	LDAP
Management	HTTP/HTTPS
Time Synchronisation	NTP
Camera	RTSP
Backup	
Backup	Built-in backup to USB storage or other Buffalo NAS based on rsync
Remote Access	
Web UI	via HTTP/HTTPS
FTP Sever	yes
WebAccess	WebAccess a convenient solution for file access, also available for Smartphones and Tablets

*Axis environment can be used with Windows clients only.

Product Codes

LS420D0202S-EU

LS420D0402S-EU



About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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