



Simple, Affordable Video Surveillance for Small Businesses and Homes

Industry leaders Axis* Communications and Buffalo* Americas deliver a hassle-free, digital security and surveillance (DSS) solution—including Axis network cameras, Buffalo NAS storage, video management software, mobile viewing options and more—in an affordable, turnkey system based on Intel® technology.



OVERVIEW

Advances in IP camera and network storage technologies are allowing digital security and surveillance (DSS) solutions to deliver professional grade capabilities at price points that are friendly to many small businesses (SMBs) and property owners. With powerful, versatile video cameras and terabytes of storage, today's DSS solutions are ideal for capturing viewing, archiving and analyzing all kinds of surveillance footage, offering more effective ways to safeguard people and property.

To be successful in the SMB market, DSS solutions need to be simple to set up and easy to manage. Buffalo and Axis have achieved this by using embedded API coding to create seamless integration between the camera and storage components.

The result is an easy-to-configure, scalable camera network. Adding or removing cameras is a simple process and the entire network can be managed through iOS or Android devices. With support for up to 16 cameras and reliable, redundant storage, the result is an affordable, turnkey system.

DESIGNED FOR SIMPLICITY

Axis and Buffalo are long-time industry leaders in the video surveillance and network storage markets. Axis has the broadest and most consistent range of high-quality network cameras available today. Buffalo delivers storage solutions specifically designed for SMBs. Together, they have used their experience and expertise to create a surveillance solution that combines simplicity and performance:

Sized Right:

The Axis/Buffalo solution is the right size for entry-level needs. Start small and easily scale to 16 cameras and eight terabytes of storage respectively.

One-click Set Up:

The Axis/Buffalo solution works out of the box requiring minimal programming and technical expertise. The one-click set-up offers quick and seamless integration, allowing users to establish an IP-based camera network in minutes.

Flexible Viewing Options:

Easily view footage anytime, anywhere on virtually any PC or mobile device using the free Axis mobile app and Axis Camera Companion software.

IDEAL FOR A WIDE RANGE OF USES

The Axis/Buffalo video surveillance solution meets the needs of a wide range of markets:



RETAIL

Loss prevention and business intelligence functions including traffic patterns, heat mapping, people counting and more.



HOSPITALITY

Opportunities for comprehensive coverage that enhances the safety and security of guests as well as improved operations efficiency using analytics for business intelligence.



MEDICAL CLINICS

Protection for patients and increased security against theft of controlled substances.



SCHOOLS

Enhanced safety and security for students, teachers and staff.



RESIDENTIAL

Increased security for personal property, family and friends.

WHAT'S INCLUDED

Video Recording: At the heart of the solution is the Buffalo TeraStation™ 5200 Network Video Recorder (NVR). Based on an Intel® Atom™ processor (D2550; 1.86 GHz dual-core / 2 GB DDR3 RAM), the Buffalo NVR delivers advanced RAID technology and redundant storage components for maximum reliability and uptime. Two hard drives offer up to eight terabytes of storage, enough for months of 24x7 recording. Redundant, hot-swap configuration ensures the footage is there even in the case of failure.

Cameras: Customize any solution with the Axis camera best suited for the situation. Mix and match from the entire Axis portfolio—outdoors or indoors, obvious or discreet. Axis cameras capture clear video even in difficult lighting conditions and also support advanced features such as audio and motion detection, tampering alarms and third-party analytics and applications.

Software for Configuration and Viewing: Axis Camera Companion video management software (VMS) offers a comprehensive viewing platform with no additional cost or licensing fees. Axis Camera Companion delivers the one-click set-up for the network, automatically finding all Axis cameras. This intuitive software also offers a range of viewing and management capabilities for accessing live video feeds as well as searching recorded video and exporting clips. View video anytime from anywhere with PC and mobile apps for iOS and Android devices.

Networking: Users can run the system over existing wired or wireless networks. Take advantage of Power-over-Ethernet (e.g., Buffalo PoE Web Managed Switch) for lower costs, greater installation flexibility and increased reliability. Segment network traffic for increased performance and reliability.

Support and Protection: Axis Communications offers US-based technical support via phone at (800) 444-2947 option 4, or chat at axis.com/techsup. Warranty options range from 1-5 years with the extended warranty coverage option. Buffalo offers technical support via phone (866) 752-6210 or online at buffalotech.com/contact/support. Warranty options include a standard three year hardware warranty with free life-time technical support and an optional five year enhanced warranty providing a next business day replacement guarantee.

AVAILABILITY

The Axis/Buffalo Solution is available in North America.

NEXT STEPS

Contact Intel® Internet of Things Solutions Alliance members [Axis Communications](#) or [Buffalo Americas](#) for more information about this powerful DSS solution for small businesses.



BUFFALO TERASTATION™ 5200 NETWORK VIDEO RECORDER

Feature	Specification
Processor	Intel® Atom™ processor D2550 (1.86 GHz dual-core / 2 GB DDR3 RAM)
NICs	2 Intel Network Interface Cards
Ports	2 USB 2.0 ports and 2 USB 3.0 ports with accessory support
Drives	2 (3.5" HDD)
Drive Capacities	1 TB, 2 TB, 4 TB
Drive Interface	SATA II/III 3 Gbps
Supported RAID Levels	RAID 0/1/JBOD (Individual Disks)

AXIS® CAMERAS

Feature	Specification
Chip Set	ARTPEC chip set—custom built for video surveillance
Resolution	720p or 1080p HDTV
Video Compression	Multiple video compression options with H.264 and MJPEG
Applications	Third party analytics and applications can run directly on equipped Axis cameras
Security	Cameras are secured with password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, digest authentication and a user access log

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