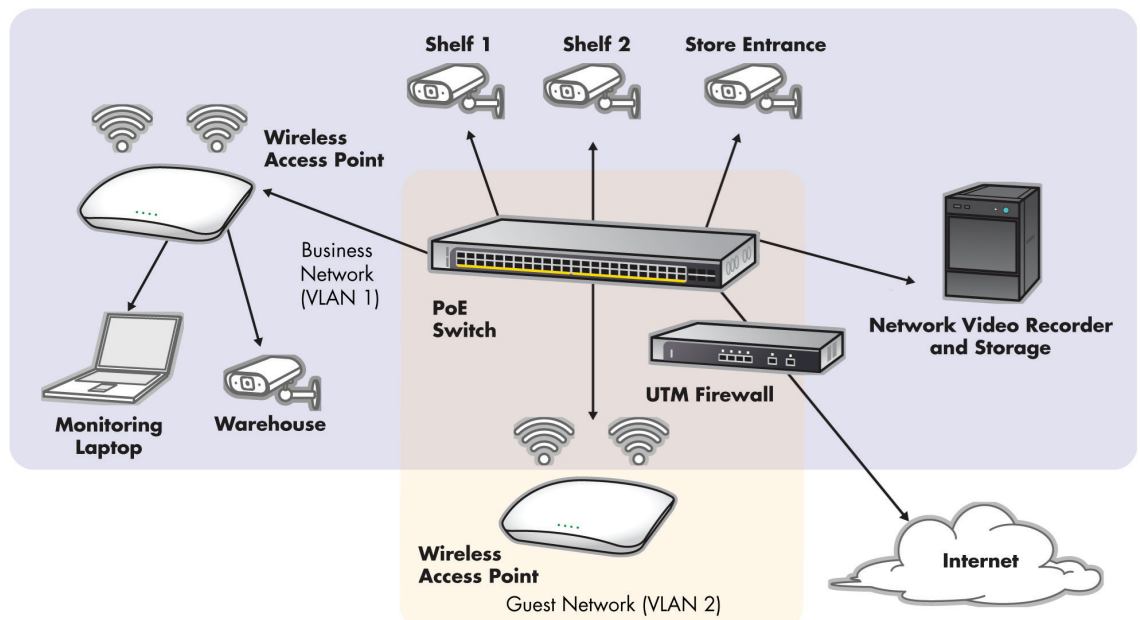# NETGEAR®

ReadyNAS® Surveillance™

Inexpensive and Easy-to-use Network Video Recording (NVR) Software

Small businesses and corporate branch offices require a secure way to protect physical assets, but often lack the security expertise or big budget that most solutions require. With these challenges in mind, NETGEAR® introduces ReadyNAS Surveillance, easy-to-use network video recording (NVR) software that installs directly to a ReadyNAS storage device. Add a set of cameras to a Power over Ethernet ProSafe switch and your surveillance network is up and running in no time.

This user-friendly NVR system combines fast and flexible configuration with easy operation. Installation is simple and with Web-based management users can configure, monitor and play back video from anywhere. Technologies such as UPnP search, auto camera detection and GUI scheduling save valuable set-up time, while drag-and-drop cameras, auto scan, preset point patrolling, and multiple viewing streams provide an optimal monitoring experience.

Notable features and benefits include:

• A simple way to expand the usability of your ReadyNAS®

• View, Manage, and Record video from up to 16 IP cameras per ReadyNAS.

• Combine multiple ReadyNAS units to create solutions that scale beyond sixteen cameras

• Simple intuitive user interface

• View video from a computer using a Web browser or through one of the free downloadable mobile applications

• Utilize existing data protection features of ReadyNAS to ensure video surveillance data is protected

• Receive event alerts via email

• Compatible with major IP brands, supporting over 1600 camera models

• Support megapixel and high-definition video

• Scalable licensing model, pay for only what you need

Technical Specifications

Camera & Solution
- Open platform that support over 1600 IP cameras and over 70 brands.
- Automatic camera detection: Simple search for available cameras on the network
- Storage Optimization: Supports MJPEG, MPEG-4, and H.264 video formats
- Panamorphic (360 degree) lens support

Management & System
- Graphical recording scheduler: Simple day or week mode recording schedule formats*
- Multi-language GUI support: English, Japanese, Traditional Chinese, Simplified Chinese, Dutch, Finnish, French, Hungarian, Italian, Russian, Czech, Korean, Polish, German, Serbian, Swedish, Portuguese, Turkish, Hebrew
- Configuration: Save, Load, Load default settings

Playback, Search, Export
- Post-recording processing: Intelligent search, Digital PTZ, and Video enhancement tool
- Intelligent Search: Search recorded video for 5 events including general motion, foreign object, missing object, loss focus, and camera occlusion
- Video Enhancement: fine tune image's visibility, sharpness, brightness, contrast, and grey scale
- Evidence Export: Snapshot and print video image in BMP/JPEG, backup video in DAT, save video in ASF/AVI
- Export video with audio
- Print image
- Action Notification: notify users on camera and system events through digital output on camera* and email
- Watermark: protect original recording from alteration with watermark verification tool

Events & Actions*
- Motion Detection (if supported by the camera)
- Connection lost
- Camera input*
- System Events
- Alerts via email and camera output*

Remote Operation
- Multiple Live view cameras: up to 16 cameras per web client (Windows Internet Explorer only), Single camera view per web client (Google Chrome, Apple Safari), up to 64 cameras in Remote Live View Application client (Microsoft Windows only)

- Multiple Playback view cameras: up to 16 cameras per web client (Windows Internet Explorer only), Single camera view per web client (Google Chrome, Apple Safari), up to 16 cameras in Remote Live View Application client (Microsoft Windows only)
- Multi-view: Duplicate a single camera into multiple views
- Stream Profile: Recorded and remove viewed video can have different settings to optimize for remote access and recording
- E-Map: Show device indicator on map for easily finding and tracking events and devices*

Web Live Viewer
- Login/Logout Server
- Connect/Disconnect Camera
- Grid Type: 1, 4, 6, 9, 10, 13, 16, 12+1, 16+1, N (5x5, 6x6, 7x7, 8x8), full screen, auto scan
- Wide Screen 16x9 & 16x10 support
- Camera info/status
- Real size image ratio
- Stream Profile
- Camera Snapshot
- Multi-View
- E-Map*
- Camera On-Screen Display
- Full Screen mode
- Audio Support
- PTZ Support (Manual PTZ Control, Point & Click Control/Move, Zoom using mouse wheel, Zoom in/out, Digital Zoom (1-64x), Set preset/go to (32), Focus/Patrol, Joystick*)

Web Playback
- Multi-channel playback (up to 16 cameras)
- Grid Type: 1, 4, 9, 16, full screen
- Real size video ratio
- Date/Time Search
- Event Search
- Smart Search
- Video Enhancement
- Digital Zoom (1-64x)
- Video control (forward/backward, step forward/backward, next interval/previous internal, speed up/down)
- Camera On-Screen Display

Windows Application Live View*
- Server list
- Login/logout server
- Connect/Disconnect Camera
- Grid Type: 1, 4, 6, 9, 10, 13, 16, 12+1, 16+1, N (5x5, 6x6, 7x7, 8x8), full screen, auto scan
- Wide Screen 16x9 & 16x10 support
- Camera info/status
- Real size image ratio
- Stream Profile
- Camera Snapshot
- Multi-View
- E-Map*
- Camera On-Screen Display
- Full Screen mode
- PTZ Support (Manual PTZ Control, Point & Click Control/Move, Zoom using mouse wheel, Zoom in/out, Digital Zoom (1-64x), Set preset/go to (32), Focus/Patrol, Joystick*)

Windows Application Playback*
- Multi-channel playback (up to 16 cameras)
- Grid Type: 1, 4, 9, 16, full screen
- Real size video ratio
- Date/Time Search
- Event Search
- Smart Search
- Video Enhancement
- Digital Zoom (1-64x)
- Video control (forward/backward, step forward/backward, next interval/previous internal, speed up/down)
- Camera On-Screen Display

Online Planning Tool
- Bandwidth and Storage calculator available online

Data Security
- Auto-backup: automatically back up the recorded video from a previous day to an FTP server
- Manual backup: manually back up or delete recording
- Network black/white list

Logs
- Camera Status and User Access
- Events Logs (Schedule based event, connection lost, motion from camera, digital input trigger*, unable to access FTP server, backup unfinished)
- Export and Backup Log

NETGEAR®

ReadyNAS® Surveillance™

Technical Specifications

Client Applications
- Windows Client
- Apple iPhone/iPad
- Google Android
- Browser Client

Multi-Tier User Authentication*
- Administrator
- Power User
- User
- Guest

ReadyNAS Platform Support
- ReadyNAS Surveillance Home: ReadyNAS 100 Series
- ReadyNAS Surveillance (x86): ReadyNAS 300 Series, 500 Series, Ultra/Ultra Plus, Pro, 1500/2100, 3100/3200/4200

Software Licenses
- A 30-day free trial (up to the full 16 cameras) will be enabled when ReadyNAS Surveillance is enabled on the ReadyNAS. After trial period, a license must be purchased.

- – RNNVR01L-10000S: ReadyNAS Surveillance Single Camera License
- – RNNVR02L-10000S: ReadyNAS Surveillance 2-Camera License
- – RNNVR04L-10000S: ReadyNAS Surveillance 4-Camera License
- Licenses can be added in an combination to a maximum of 16 cameras per ReadyNAS
- License activation: online (internet access) and offline
- ReadyNAS Surveillance Home includes one camera license

* Feature only available on x86 based systems. See Platform support for details.

Comparison (differences)

	ReadyNAS Surveillance Home	ReadyNAS Surveillance
Maximum Camera Connections per ReadyNAS	8	16
Maximum Camera Connections for client	Live View: 1 Playback: 1 user	Live view: 64 cameras Playback: 8 users
Recording Options	Always	Event (Motion, Digital Input), Always, Recording Schedule
eMAP	No	Yes
Camera Input	No	Yes
Camera Output	No	Yes
Supported ReadyNAS models	ReadyNAS 100 Series ReadyNAS 2120	ReadyNAS 300 Series ReadyNAS 500 Series ReadyNAS Ultra/Ultra Plus ReadyNAS Pro ReadyNAS 1500/2100 ReadyNAS 3100/3200/4200
Clients	Browser, Mobile	Browser, Mobile, Windows
Licensing	1 camera license included	Free Trial (16 cameras), paid license required after trial
Authentication	Single user	Multi-Tier User Authentication

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, 1-888-NETGEAR (638-4327), E-mail: info@NETGEAR.com, www.NETGEAR.com   D-ReadyNAS Surveillance-2

Page 3 of 3