



# Network Video Recorder NR8401



Rack Mount Design • Compatible with VAST •  
Full Integration with VIVOTEK Network Cameras

NR8401 is the 16-channel Linux embedded NVR from VIVOTEK, bringing stable and efficient system operation under a wide range of recording/network management/system settings. The unit supports all VIVOTEK camera models, including the latest 5-Megapixel and fisheye cameras.

The NR8401 is equipped with two gigabit ethernet RJ45 ports which provide network failover/load balance functionality to avoid the risk of recording loss. The front panel provides an easy backup button for users to backup/restore NVR configurations, which is very useful for a rackmount chassis system. Up to 4 HDDs can be added to the NR8401 for a total storage capacity of up to 12TB (3TB\*4). Three removable HDD trays are available in the front of the unit, with hot-swap functionality for easy replacement, and support the RAID 0/1/5 application for video data protection and mirroring.

A CMS server running VAST software can also directly control the NR8401, and compatibility with the iViewer application allows for remote access to the NR8401 on handheld devices. By integrating all of the components together using VIVOTEK's NR8401, network cameras, VAST, and iViewer software, users can realize a fully-featured and robust next-generation surveillance system.

## Features

### Hardware

- Embedded Linux
- 1U Rack Mount Design
- RAID 0, 1, 5 Storage Solution
- 4 x HDD Tray, Max. 12TB
- 2 x Gigabit RJ45 Ethernet Port
- 3 x USB Port (1 x Front / 2 x Back)
- 4 x DI / 1 x DO
- Size: 430 mm (W) x 421 mm (D) x 44 mm (H)

### Software

- 16-CH Live View & 4-CH Synchronous Playback
- H.264 / MPEG-4
- PTZ Support
- Snapshot / Export Media
- PiP Video Control
- Bookmark Design
- Fast Configuration Backup / Restore
- Compatible with VIVOTEK VAST Central Management Software\*
- Full Integration with VIVOTEK Network Cameras
- VIVOTEK iViewer Support (iOS/Android)

\*The VIVOTEK VAST Central Management Software is not included in the package.

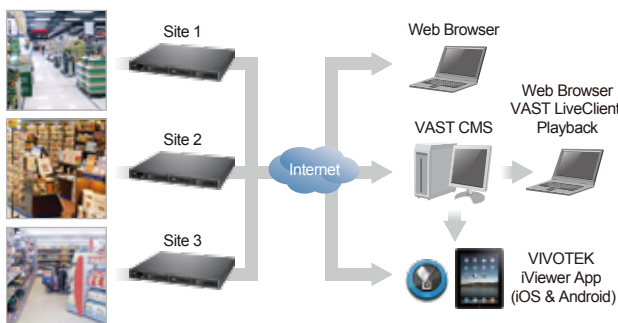


## Technical Specifications

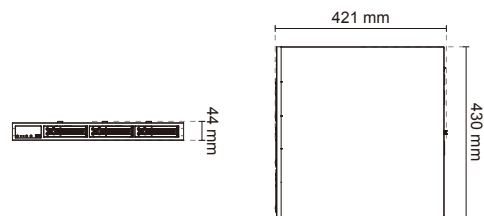
<b>System</b> OS: Embedded Linux	<b>Playback</b> Display Layout: 1x1/2x2/1+3 Playback Mode: play, pause, stop, next/frame, speed up/down (1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64) 4-channel synchronous playback Search Mode: date/time & alarm mode (motion, DI/DO, Bookmark) Graphical timeline Snapshot Bookmark design Audio control Export: 3GP/EXE
<b>Channels</b> 16-CH selectable	<b>Event/Alarm Management</b> Source: motion, camera DI/DO, NVR DI/DO Actions: recording, email, buzzer, FTP, HTTP, camera preset position, camera DO, NVR DO Alarm history search (motion, DI, DO)
<b>Storage</b> 4 x 3.5" HDD, up to 12TB 3 x hot-swappable & lockable hard disk tray, 1 x internal hard disk tray HDD S.M.A.R.T.(Self-Monitoring Analysis and Reporting Technology) RAID 0, 1, 5	<b>Security</b> User group setting with password protection Access list
<b>Connectors</b> 2 x Gigabit RJ45 ethernet port 3 x USB 2.0 port (1 x front / 2 x back) 4 x DI and 1 x DO for external sensor or alarm 1 x RS232 (reserved)	<b>Backup</b> Manual backup
<b>Camera Compatibility</b> Full integration with VIVOTEK network cameras	<b>Mobile APP Support</b> VIVOTEK iViewer (iOS/Android)
<b>Networking</b> IPv4, TCP/IP, HTTP, RTSP/RTP/RTCP, SMTP, DHCP, NTP, DNS, DDNS Network mode (TCP/IP configuration): failover/load balance/standalone Default: restore user name/password to default	<b>Dimension</b> 430 mm (W) x 421 mm (D) x 44 mm (H)
<b>Recording</b> Throughput: Max. 96 Mbps Recording Policy: schedule (continuous/event mode) ,manual and alarm recording Video Compression: H.264/MPEG-4 Audio Compression: AMR/G.711/AAC Resolution: up to 5-Megapixel recording Format: 3GP	<b>Weight</b> Net: 7.2 kg (without HDD)
<b>Liveview</b> Display Layout: 1x1, 2x2, 4x4, 1+3, 1+5 Rotate Freeze Snapshot Bookmark design Audio Control PIP video control Manual Trigger Camera DI/DO, NVR DI/DO Pan/Tilt/Zoom control of VIVOTEK cameras Preset location Auto pan/patrol	<b>LED Indicator</b> 1 x Power LED 1 x Status LED 1 x HDD LED 1 x Restore LED 1 x Backup LED
<b>Button</b> Power: on/off Default: restore user name/password to default Backup: backup/restore the NVR configuration file	<b>Power</b> Input: AC 100-240 V, 50-60 Hz Power Consumption: Max. 70W
	<b>Approvals</b> CE, FCC Class A, VCCI, C-Tick
	<b>Operating Environments</b> Temperature: 0°C ~ 40°C Humidity: 20%~95% RH
	<b>Warranty</b> 24 Months
	<b>Language</b> English, Deutsch, Espanol, French, Italiano, Portuguese, Traditional Chinese, Simplified Chinese, Japanese
	<b>Included Accessories</b> CD Content: user's manual, quick installation guide, Installation Wizard 2 Others: quick installation guide, warranty card, power cord

## Application

### Multi-site Chain Stores



## Dimensions



## Part No.

NR8401, USA	100097000G	NR8401, AU	100097030G
NR8401, EU	100097010G	NR8401, MEXICO	100097100G
NR8401, UK	100097020G		

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Ver 1.0