



Network Video Recorder ND8301



VAST Inside • HD Local Display •
Full Integration with VIVOTEK Network Cameras

VIVOTEK ND8301 is an 8-CH Network Video Recorder designed for sophisticated recording applications. The unit is equipped with an Intel Dual-core Atom Processor with maximum recording throughput at a robust 96 Mbps. RAID 0/1 is supported with two removable HDDs for backup efficiency, with an external eSATA port for additional expansion. A first desktop type for the VIVOTEK NVR series, a local display output port is now available with full HD resolution (1920X1080), eliminating the need for a separate PC to view video from the unit. Setup of parameters such as IP, HDD, and basic camera configuration can easily be performed with the setup wizard, making the ND8301 the easiest NVR to use yet. When connecting ND8301 to more than one of the same model of VIVOTEK camera, the "Shepherd" program can be used to duplicate configuration settings to multiple cameras.

The operating system in ND8301 is VIVOTEK's professional central management software VAST, allowing for simple and effective management of a surveillance system using the LiveClient and Playback programs. As VIVOTEK's camera features are fully integrated into VAST, cutting-edge technologies such as SVC and Activity Adaptive Recording can be utilized to conserve bandwidth and optimize recording. A CMS server running VAST software can also directly control the ND8301, and compatibility with the iViewer application allows for remote access to the ND8301 on handheld devices. By integrating all of the components together using VIVOTEK's ND8301, network cameras, VAST and iViewer software, users can realize a fully-featured and robust next-generation surveillance system.

Features

Hardware

- Dual-core Intel® Atom™ Processor
- RAID 0, 1 for Efficient and Reliable Recording
- 2 Bay Removable HDD Tray, Max. 6TB
- External eSATA Interface
- Full HD Local Display
- Standalone Desktop NVR Design
- Dual Gigabit Ethernet Ports
- USB Port* 4
- Compact Size: 315 mm (W) X 220 mm (D) X 75 mm (H)

Software

- Easy Installation and Configuration (Shepherd/Setup Wizard)
- VAST Inside (LiveClient/Playback)
- Real-time 8-CH Live View & 4-CH Synchronous Playback
- SVC/H.264, MPEG-4 and MJPEG
- Multiple Recording Types & Event Trigger Sources
- Multiple Video Search Modes
- E-map
- Supported by VAST Central Management Software
- Full Integration with VIVOTEK Network Cameras
- VIVOTEK iViewer Support (iOS/Android)

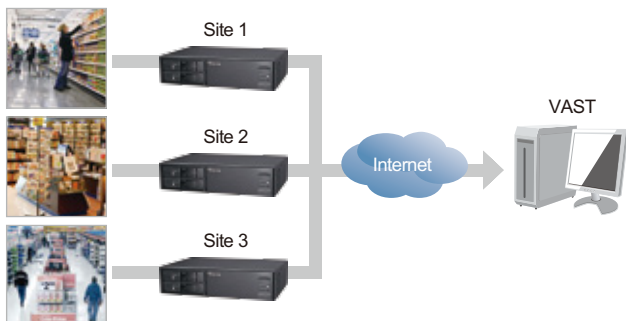


Technical Specifications

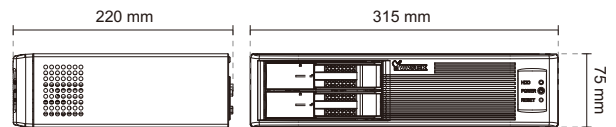
System CPU: Dual-core Intel® Atom™ RAM: 2GB DDRIII Embedded OS: Windows 7	Local Playback Display Layout: 1X1/2X2/3X3/4X4/1+5/1+12 Playback Mode: Play, Pause, Stop, Next/Frame, Next/Previous Time Interval, Speed Control Search Mode: Browsing/Time/Event Bookmark
Channels 8-CH	Event/Action Management Trigger Source: Motion, Temperature, Tampering, DI/O, IR, PIR, IVA, Video lost, Recording error, Recording status, Substation connection status, Storage connection status, Storage capacity status, License status, Network status & memory status Actions: Email, Start recording, Move to the preset position, Set DO, GSM short message & Send CGI command
Storage 2 x removable 3.5" SATA I/II HDD, up to 6TB 1 x external eSATA interface RAID 0, 1	Security 5 levels of user roles Multi-level user access with password protection
Connectors 2 x Gigabit, RJ45 4 x USB 2.0 1 x RS232	Backup Manual/Scheduled backup
Camera Compatibility Full Integration with VIVOTEK Network Cameras	Mobile APP Support VIVOTEK iViewer (iOS/Android)
Easy Setup "Setup Wizard" for Network/HDD/Camera easy setup	Dimension 315 mm (W) x 220 mm (D) x 75 mm (H)
Networking IPv4, TCP/IP, HTTP, RTSP/RTP/RTCP, IGMP, SMTP, DHCP, NTP, DNS, DDNS 2 x Ethernet Gigabit ports	Weight Net: 2270 g (without HDD)
Recording Throughput: Max. 96 Mbps Recording Policy: Scheduled recording (event/continuous modes), manual recording Video Compression: SVC/H.264/MJPEG/MPEG-4 Resolution: Up to 5-Megapixel recording Format: 3GPP Auto Recycling: Buffer size setting, time setting Activity Adaptive Recording	LED Indicator 1 x Power Status 1 x HDD Status
Export Format: AVI/3GPP/EXE	Power Adapter Input: AC 100-240 V, 50-60 Hz Output: DC 12V 5A (60 W) Power Consumption: Max. 31 W
Local LiveClient Display Layout: 1X1/2X2/3X3/4X4/5X5/1+5/1+12/1+31 E-Map Snapshot PiP Display Performance: MPEG-4: 2 streams 30 fps @ 1080p; 12 streams 30 fps @ CIF H.264: 1 stream 30 fps @ 1080p; 7 streams 30 fps @ CIF Auto Patrol (Display Layout) Pan/Tilt/Zoom control of VIVOTEK cameras Instant event notification Instant Replay: 20 sec., 30 sec., 1 min., 5 min., 15 min. Full HD local display by VGA connector	Approvals CE, FCC Class B, VCCI, C-Tick
	Operating Environments Temperature: 0°C ~ 40°C Humidity: 20%~95% RH
	Warranty 24 months
	Language English, French, German, Italian, Spanish, Traditional Chinese, Simplified Chinese, Japanese, Portuguese, Czech
	Included Accessories CD content: User's manual, quick installation guide, Installation Wizard 2, LiveClient, Playback Others: Quick installation guide, warranty card, power adaptor

Application

Multi-site Chain Stores



Dimensions



Part No.

ND8301, USA	100086800G
ND8301, EU	100086810G
ND8301, UKB	100086820G
ND8301, AUN	100086830G
ND8301, MEXICO, USA	100086900G