



Titan NVR Desktop



NVR-4000

H/W Version: 1

Overview

LevelOne NVR Titan is a 4-Bay SATA Linux-embedded IP video recording system designed for medium and large scale multiple sites and multiple servers deployment. NVR Titan supports up to 64 channels with total throughput up to 250Mbps, meaning enough to record 64 x 5MP IP cameras from one Titan server. Configuration Wizard makes the installation process so easy in just few mouse clicks and automatic camera discovery detects hundreds of different IP cameras from numerous vendors.

Robust Performance

Optimised File Ring structure is designed specifically for long term video recording application to ensure fast access video footage and save disk space at the same time. The NVR features the RAID function that offers data redundancy which helps protect the video data in events of a disk or power failure

Centralized Management

One of the most advanced architecture design in Titan is the master-slave architecture. In this structure, Titan is not merely a single standalone recording machine, but also a bridge linked with multiple Titan servers as well. Operator can get camera list of slave servers simply by accessing the master server along via Client software; the software supports the Windows and Mac OS. In additional, Titan can be managed by your iOS or Android smart devices and the Web browser over the Internet from anywhere, anytime.

Key Features

- Embedded Linux engine with up 250Mbps throughput
- Recording up to 64 channels from single server
- Manage up to 100 servers and live view up to 400 channels
- 4-Bay SATA Bay supports RAID 0, 1, 5, 10 data redundancy protection
- Supports external DAS storage to expand up to 27TB capacity
- Master-slave architecture provides easy management from multiple sites / servers
- Centralized E-Map system allows operator to monitor multiple sites / servers from single point
- Built-in dual Gigabit Ethernet ports
- Supports the Local Display via built-in D-Sub VGA output
- Supports cross platform management via Windows, Mac OS, Apple iOS, Google Android, BlackBerry and IE, Firefox, Safari Browser
- Space saving desktop tower chassis

Works Well With



FCS-5051
Day/Night 2-Megapixel PoE Outdoor Network Camera



FCS-4041
Day/Night H.264 2-Megapixel PoE IP Dome Camera



Technical Specification

Operation OS

Embedded Linux

Channel Supported

4 x Channels (included)

Max 64 Channels (license upgrade)

Video Compression

H.264

MPEG4

MJPEG

Recording Performance

250Mbps

Reference: 5MP 10fps H.264 (Moderate scene) x 64CH

Recording Mode

Continuous Recording

Schedule Recording

General Motion Recording

Digital Input Event Trigger Recording

Remote Live View

Live View

Preset / Go

PTZ

Panoramic View

Event List

I/O Status List

Instant Playback

Manual Recording

Stream Profile

Snapshot

Multi-View

Digital PTZ

Advanced E-Map

Up to 64 connections per server

Backup

Automatic backup the recorded video data to FTP server

Intelligent Search

General Motion

Local Display

Supports local display via VGA port (16CH)

Support mouse via USB port

Language

English

Deutsch

Spanish

Portuguese (Brazil)

French

Italian

Finnish

Dutch

Swedish

Czech

Polish

Hungarian

Serbian

Russian

Japanese

Korean

Traditional Chinese

Supported Client

PC: Windows, Mac OS

Smart Device: iPhone, iPad, Android, BlackBerry

Web Browser: Internet Explorer, Firefox, Safari

PC Client System Minimum Requirement

OS: Windows XP (32-bit) / Windows 7 (32/64-bit)

CPU: Intel Core 2 Duo 2.6GHz

RAM: 1GB

Graphic Card: Standalone with 1GB RAM or above

Ethernet: 100/1000Mbps

Hardware

Processor

Intel Atom D525 Dual Core 1.8GHz

RAM

4GB DDR3

Storage

4 x SATA II Removable HDD Bay

Up to 3TB per drive, 12TB max. storage (internal)

Hot Swappable

Supports RAID 0 / 1 / 5 / 1+0

Storage - External

Supports DAS via eSATA interface

Up to 15TB (27TB in total, included internal capacity)

Ethernet Port

2 x 10/100/1000Mbps ports

Power

AC100 – 240V

200W Consumption

Dimension & Weight

210 x 200 x 300mm

5.5kg

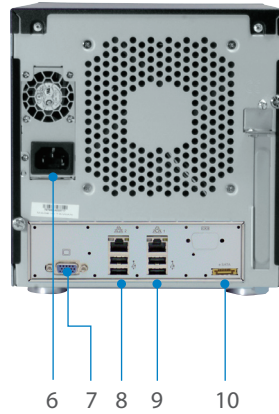
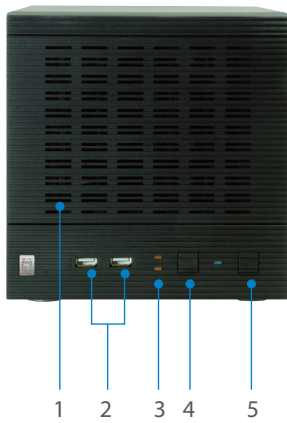
Operation Temperature

0 to 40 Celsius

Operation Humidity

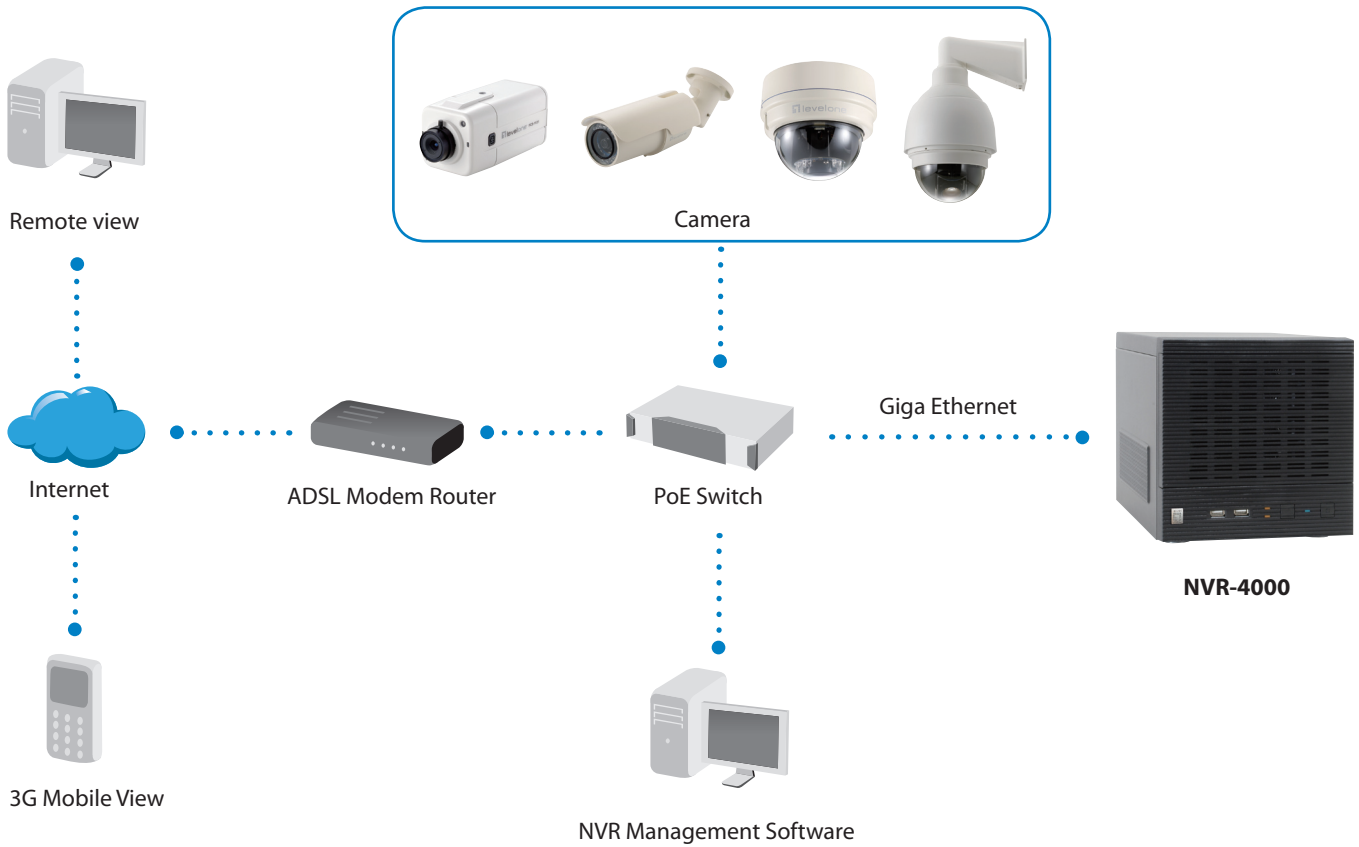
5% to 95%

Front View & Rear View



1. SATA HDD Bay x 4
2. USB Ports
3. LED Status
4. Reset Button
5. Power Button
6. Power Socket
7. Local Display
8. Gigabit Ethernet
9. USB 2.0 Ports
10. eSATA

Product Diagram



Order Information

NVR-4000: NVR Titan 4 Bay, 250Mbps, 4CH included, opt up to 64CH, Desktop Case

NVR-4000R: NVR Titan 4 Bay, 250Mbps, 4CH included, opt up to 64CH, 19 inch Rack Mount

NVR-4000-CH: Per cam license for NVR-4000 / NVR-4000R

Package Contents

NVR-4000 (HDD NOT included), CD Manual / Utility, Quick Installation Guide, Power cord

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