

## **NVR4CH *Basic* Network Video Recorder -**

Reliable Network Video Recorder for SOHO



- Manage up to 4 Network Cameras
- Compatible with Major Brand Cameras
- High Quality Live/Playback Video
- Export Playback Videos to AVI
- Two-way Audio
- Smart Camera Search
- Mobile Devices Remote Monitoring
- Pure Web Based Administration

The NVR4CH Basic is designed for use within a surveillance system, and performs recordings and playbacks pictures from network cameras in the system. It is designed for small scale applications such as retail store. Up to 4 cameras can be connected via a network and it is possible to record their camera pictures. It is possible to perform the settings or operate the NVR using a web browser installed on a PC connected to a network and live videos can be viewed on major mobile devices through its web browser. Recorded video can be played back from remote site by a PC. NVR4CH Basic is compatible with most major brand cameras and its ability to automatically search and find the available cameras on the network can greatly reduce the user's effort when configuring the system.

Preliminary

## NVR4CH Basic-- Hardware Specifications

### CPU and Memory

- ARM9 300 Mhz/128 DDR RAM

### Ethernet

- Gigabit, half duplex/full duplex auto-negotiation

### HDD

- SATA HDD Slot x 2 (SATA I or SATA II)
- Max. Capacity: 3TB (1.5TB per HDD)

### Buttons

- Reset/Power

### Connectors

- USB x 2

### Power

- 12V DC/4A
- Power consumption: 50W

### Dimensions

- TBD

### Weight

- TBD

### Temperature

- Operating Temperature: 5°C ~ 40°C
- Storage Temperature: -20°C ~ 70°C

### Humidity

- Operating Humidity: 10%RH ~ 80%
- Storage Humidity: 5%RH ~ 90%RH

### Safety

- CE/FCC



## NVR4CH Basic -- Software Specifications

### Cameras

<b>Add Camera</b>	Manual/Smart Camera Search
<b>Max. Channels</b>	4
<b>Supported Brands</b>	Axis/Sony/Panasonic/AVTech/Canon/D-Link/ACTi/Zavio/AMTK/Vivotek/Arecont Vision/Etrovision/Level 1/Mobotix/Toshiba/Abus/Planet/Pixord/IQInvision/A-Linking/Brickcom/Hunt

### Video

<b>Compression</b>	MJPEG/MPEG-4 Part 2/H.264
<b>Resolution</b>	HD/MegaPixel/FD1/CIF/QCIF
<b>Max. Frame Rate</b>	120 fps (1.3 MegaPixel, H.264)

### Audio

<b>Streaming</b>	Two-way audio
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### Live View

<b>Display Mode</b>	Live View/Playback/Full Screen
<b>Split Screen</b>	1/4/
<b>Full Screen</b>	1/4/
<b>PTZ Support</b>	Virtual PTZ Panel/Digital PTZ/Auto Pan/Preset Point/Preset Sequence
<b>Sequence Mode</b>	Sequence All/Manually Selected cameras in 1/4 split view with configurable timer
<b>Snapshot</b>	Video snapshot in JPEG format
<b>E-Map</b>	Motion Detected Event Display on E-Map/Google Map
<b>Mobile Device</b>	Live image view through mobile device's web browser Support iPhone/Blackberry/WinMo 6.5/Symbian S60

### Playback

<b>Split Screen</b>	1/4
<b>Search Method</b>	Time/Date, Event
<b>Playback Controls</b>	Play/Pause/Stop/Forward/Reverse/Speed Adjust/Frame by Frame
<b>Export AVI</b>	Export Playback Videos to Local Computer in AVI Format

### Recording

<b>Capacity</b>	Depends on hard disk
<b>Recording Mode</b>	Manual/Continuous/Scheduling/Event
<b>Scheduling Types</b>	Manual Select/Profile-based/Weekly Mode
<b>Max. Recording Throughput</b>	18 Mbps

### Network

<b>Protocols</b>	HTTP/SMTP/DHCP/ARP/NTP/DNS/UPnP/FTP
<b>Streaming Protocols</b>	Depend on the supported cameras

### User Management

<b>Management</b>	User/Group
<b>Number of Groups</b>	7 (Administrator/Guest/User Define * 5)
<b>Privileges</b>	Live View/Playback/System Configurations/Camera Configurations/Recording Configuration/Event Configuration/Maintenance

### Triggers & Events

<b>Events</b>	<i>System Events</i> -- System Start/Shutdown, System Settings modified, Camera Settings Modified, Start Recycle, Disk Full <i>Camera Events</i> -- Motion/Sensor Detection
<b>Event Actions</b>	Mail/FTP/Record
<b>Event Recording</b>	Pre/Post Event Settings

### Storage

<b>Storage</b>	Support SATA x 2, Max. 1.5TB per drive
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<b>Log Types</b>	Alert/Event/User Access
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### Systems

<b>Mini. Hardware Requirements</b>	CPU: Intel Core 2 Duo @ 2.4Ghz or higher RAM: 1GB or above Network: 100 Megabit Network Interface or above
<b>Mini. Software Requirements</b>	IE Browser version 7 or Above

### General

<b>Languages</b>	English/Trad. Chinese/Simp. Chinese/Japanese/Spanish/Italian/German/Danish/Czech/Polish/French/Russian/Slovensky/Hungarian/Portuguese
<b>Packaging</b>	NVR4CH Basic (HD NOT included)/CD with Software tool/Datasheet/Quick Guide/User's Manual/Power Adapter

Preliminary