

Product Specifications

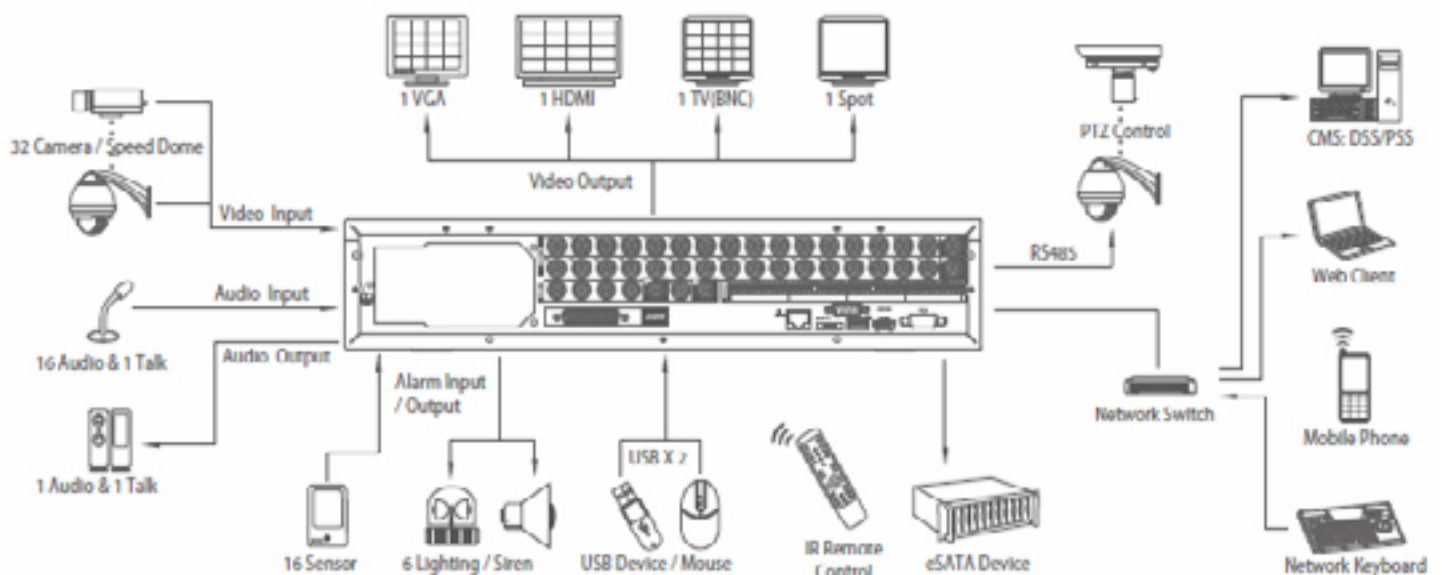
16 Channel IP Camera NVR

16 Channel 2U Standalone Network Video Recorder



Features

- 16 Channel 2U Standalone Network Video Recorder
- Dual-Core CPU
- Up to 4 Channel 1080P Camera Realtime Live View
- H.264/MPEG-4 Dual Codec Decoding
- 16 Channel @ D1, 8 Channel@720P, 4 Channel@1080P realtime recording
- All Channel simultaneous realtime playback, GRID Interface
- Support Multi-brand network cameras
- Supports remote network camera encoding setting & image adjust
- IP Search feature to automatically discover network cameras
- Support 8 SATA HDDs up to 24TB, 1 eSATA up to 12TB, 2 USB2.0
- Built-in web server, CMS(DSS/PSS) & DMSS



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MODELS

NVR-EL-16	16 Channel Unit
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GENERAL

Main Processor	High performance Dual-Core embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Mode	Front panel, USB mouse, IT Remote control, Keyboard, Network

VIDEO & AUDIO

IP Camera Input	16 Channel@D1 / 8 Channel@720P / 4 Channel@1080P
IP Camera Supported	Tech Vision, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG
Video Output	1 HDMI(video & audio), 1 VGA
Voice Intercom	1 Channel input, BNC,(200-2800mV, 30K Ω), 1 Channel output, BNC(200-3000mV, 5K Ω)

DISPLAY

Display Split	1/4/8/9/16
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Tour Display	Support
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
OSD	Camera title, time, video loss, camera lock, motion detection, recording

RECORDING

Compression	H.264/MPEG4
Recording Resolution	1080P(1920x1080) /720P(1280x720) /D1 (704x576/704x480)
Recording Speed	Up to 400/480fps@D1 Up to 200/480fps@720P Up to 100/240fps@1080P
Recording Bit Rate	Up to 32Mbps
Recording Quality	CBR, VBR(1~6 level 6 is the best)
Recording Mode	Manual, Schedule(Regular(Continuous),MD(Video detection:Motion detection, Camera blank, Video loss), Alarm),Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	1~120 min (default:60min)

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VIDEO DETECTION & ALARM

Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Motion Detection	Zones: 396(22x18), Sensitivity: 1~6(level 6 is highest)
Video Loss & Camera Blank	Support
Alarm Input	16 Channel
Relay Output	6 Channel

PLAYBACK & BACKUP

Playback Channel	1/2/4/All
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup, Digital Zoom
Backup Mode	Flash drive/USB HDD, USB CD&DVD/eSATA/Built in SATA Burner/Network DL

NETWORK

Ethernet	2 x RJ-45 port (10/100M/1000M)
Network Function	HTTP, TCP/IP,UPNP,RTSP,UDP,NTP,DHCP,DNS,IP FILTER,PPPOE,DDNS,FTP, Alarm Server,IP Search(Support Tech Vision Cameras, DVR, NVS etc)
Max Remote Users	20 User simultaneously
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log Information

HARD DISK

Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Up to 24TB
eSATA	4 External SATA ports, up to 12TB
Space Occupation	Max 3.6GB/H per channel
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid(Redundancy)

AUXILIARY INTERFACE

USB Interface	3 ports, For mouse control & backup
RS232	keyboard, PC communication
RS485	PTZ control

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This is our state of the art 16 Channel EL (Elite) Series NVR. This Network Video Recorder can be connected through the network to 16 IP cameras set at D1 (720x480) resolution, or 8 Megapixel IP cameras set at 720p resolution, or up to 4 Megapixel security cameras set at 1080p (2 megapixel - 1920x1080).

This outstanding NVR can also be used to connect through the network to 16 different cameras that are connected to any of our DVRs and can be used to offer a backup recording system. Our Elite Series NVR can hold up to 8 SATA hard drives at 3 Terabytes each for a total storage capacity of 24 Terabytes internally! Additionally, this unit has an E-SATA port that can be connected to our new SATA storage units NAS-4 which will allow for an additional 12TB of storage. This is by far the most advanced standalone NVR on the market today.

You will have the ability to assign specific drives, or groups of drives to each channel. Also, there is 2 way audio. If you know how to use any of our DVRs then you will feel right at home with this NVR since it shares the same GUI and interface.

This NVR is compatible with any of our IP cameras, and it is also has some compatibility with other ONVIF network cameras on the market. Of course, all of our video management softwares including PSS and our PC NVR client software as well as all of our iPhone, iPad, Android, Windows Mobile, Blackberry and Nokia apps will work with our NVRs as well.

You can combine this NVR with any of our DVRs and connect to the entire system together using our video management softwares. The possibilities are almost limitless! This advanced system also comes with a 3 year manufacturer warranty and of course our tech support team is here to help you every step of the way.