



Model: NVR16PROPACK3

Professional Megapixel Network Video Recorder Kit with 16 Security Cameras and 2TB Hard Drive



* Monitor (LCDLG23W) optional, not included in kit.

The NVR16PROPACK3 is an easy install home/business surveillance system with a powerful set of features to help protect your property. Featuring 1.3 Megapixel Day/Night Ethernet cameras with H.264 compression which provide high quality video at a fraction of the hard disk space, motion detect recording, scheduling, alarm system integration and network feed access, this package contains everything you need to record and monitor your facilities.

The NVR can record 25 image frames per second per camera in high definition 720p (1280 x 720). You can adjust the recorder settings for both image quality and frame rate and when the HDD is full, the NVR will automatically record over the oldest footage. Video can be viewed from either a local machine or over the internet using a web interface or smartphone application. Backups can be made via USB flash or USB hard-drives included.

The NVR16PROPACK3 offers a range of remote view options, including: smartphone/tablet viewing for iOS and Android ecosystems; smartphone viewing for Windows Phone; and local/network PC remote view.



Package Contents

The NVR16PROPACK3 is a complete 16 channel surveillance package and comes in its own retail-ready box. It includes:



1 x 16 Channel Stand Alone Network Video Recorder with 2TB Hard Drive

- Advanced H.264 video compression technology
- 2TB SATA hard disk drive
- 16 channel 1080p real-time live view
- No built-in PoE switch
- HDMI / VGA simultaneous video output
- Supports 2 SATA hard disk drives
- Remote network surveillance & backup functions
- Easy to operate like a VCR with buttons for play, record, FF, RW, pause, search, etc
- Search modes: time/date, alarm, motion detection, exact search, smart search
- Supports HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server
- Bit Rate: 48 ~ 8192kpbs
- The NVR16PROPACK3 NVR is compatible with the DMSS smartphone & tablet application. Allows you to connect to your DVR via your smartphone for real-time footage viewing

8 x 1.3 Megapixel Weatherproof 20m Infrared Mini Bullet Cameras

- Maximum resolution 1.3MP (1280 x 960)
- Maximum Infrared LED length: 20m
- Fixed 3.6mm Lens Focal Length with 70° angle of view
- IP Rating: IP66
- Compact size & adjustable bracket

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Ethernet (CAT5) Cables

- For use with the IP cameras and the built-in 4 channel power over ethernet switch
- Comes with 8x 10m, 4x 20m, 4x 30m, 1x 1.5m cables

HDMI Cable

- The NVR16PROPACK3 also comes with a 1m HDMI cable for HD video output

Power Supplies & Warning Stickers

- The NVR16PROPACK3 NVR comes with its own power supply, cameras are powered via PoE (power over ethernet)
- 4x High visibility CCTV warning stickers

Specification	NVR16PRO3
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
IP Camera Input	16 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC
Interface	1 HDMI, 1 VGA, 1 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Compression	H.264 / MJPEG
Recording Resolution	5MP(2560×1920) / 3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Record Rate	Max 240fps@1080p, 480fps@720p, 960ps@D1
Bit Rate	48~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Alarm Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	8 channel
Relay Output	3 channel
Sync Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device / Network
Ethernet	RJ-45 port (10/100M/1000M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Internal HDD	2 SATA ports
USB	2 ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
Power Supply	NVR: DC12V, PoE Port: DC48V
Power Consumption	NVR: 20W(without HDD), PoE Port: Max. 15(each)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
(W×D×H)	1U, 375mm × 285mm × 50mm
Weight	2.3KG(without HDD)



Specification: IR Bullet Camera (VSIP1MPFBIR)

Image Sensor	1/3" 1.3Megapixel Aptina CMOS
Effective Pixels	1280(H)x960(V)
Max. IR LEDs Length	20m
Focal Length	3.6mm @ F1.8
Power Supply	DC12V, PoE(802.3af)
Power Consumption	<6W
Working Environment	-10°C~+60°C, 10%~90%
Ingress Protection	IP66
Dimensions	Φ64.43mm×145.02mm
Weight	370g



Specification: IR Dome Camera (VSIP1MPDIR)

Image Sensor	1/3" 1.3 Megapixel Aptina CMOS
Effective Pixels	1280(H)x960(V)
Max. IR LEDs Length	20m
Focal Length	Fixed 3.6mm @ F1.8
Power Supply	DC12V/PoE
Power Consumption	<4W
Working Environment	-10°C~+60°C
Ingress Protection	IP66
Dimensions	Ø 114mm x 86mm
Weight	288g