

# Compact 4 Camera & NVR Package with 1TB Hard Drive



\* Monitor not included; available option.



The Watchguard™ NVR4ENTPACK2 is a compact, high definition surveillance system ideal for homes and small businesses. This CCTV package includes four 1.3 megapixel, weather proof bullet cameras capable of recording 720p high definition footage in real-time 25fps. The network video recorder has a built-in 4 port power over Ethernet switch, allowing easy plug and play installation.

The NVR features H.264 compression and a pre-installed 1TB hard drive for weeks of continuous recording. Video quality and frame rate can also be adjusted to increase the recording time. The NVR features continuous recording where old footage is overwritten when the hard drive is full. The NVR also includes motion detection recording, record scheduling and network feed access.

## Experience the Megapixel Difference

The 1.3 megapixel cameras bundled with the NVR4ENTPACK2 have a maximum recording resolution of 1280 x 960. When compared to traditional analogue recording resolutions, this is three times greater than D1 (704 x 576) and 12 times greater than CIF (352 x 288). The NVR4ENTPACK2 allows for greater surveillance area coverage, providing larger images and preserving finer details.



- CIF Resolution (352 x 288 pixels)**
  - Lost Detail
  - Vague Shapes
  - Indiscernible Edges
- D1 Resolution (704 x 576 pixels)**
  - Some Details
  - Recognisable Shapes
  - Blurred Edges
- 1.3 Megapixel (1280 x 960 pixels)**
  - Crisper, Fine Detail
  - Resolved Shapes
  - Sharper Edges

# Package Contents

The NVR4ENTPACK2 is a complete 4 channel surveillance package and comes in its own retail-ready box. The kit includes:



## 1 x Compact Size 4 Channel H.264 Network Recorder with 1TB Hard Drive

- Up to 4 channel with 1080p realtime live view
- H.264/MJPEG dual codec decoding
- 100fps@1080p, 100fps@720p, 100fps@D1 preview & recording
- HDMI / VGA simultaneous video output
- All channel synchronous realtime playback, GRID interface
- ONVIF Version 2.0 conformance
- 3D intelligent positioning



## 4 x 1.3 Megapixel Weatherproof 20m Infrared 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



## Ethernet (CAT5) Cables

- For use with the IP cameras and the built-in 4 channel power over ethernet switch
- Comes with 2x 10m, 1x 20m, 1x 30m, 1x 1.5m cables



## HDMI Cable

- The NVR4ENTPACK2 also comes with a 1m HDMI cable for HD video output



## Warning Stickers

- 4x High visibility CCTV warning stickers



## Comprehensive Remote View Options

This NVR offers a comprehensive range of remote view options so you may monitor your premises on the go.

You can connect to your Watchguard™ CCTV system via local and network PC; through applications available for iOS and Android operating devices; and for Windows Phone smartphones.\*

\* Smartphones, Tablets and Laptop not included with this product.

NVR Specifications	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
IP Camera Input	4 channel
Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Compression	H.264 / MJPEG
Resolution	1080P(1920 x 1080) / 720P(1280×720) / D1(704×576/704×480) & etc.
Record Rate	120fps@1080P, 240fps@720P, 480fps@D1
Bit Rate	48~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Sync Playback	1/4
Search Mode	Time/Date, 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	1 RJ-45 port (10/100Mbps)
PoE	4 ports (IEEE802.3af)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Internal HDD	1 SATA port, up to 4TB
USB	2 ports (1 Rear), USB2.0
Power Supply	DC12V, 2A
Power Consumption	10W (without HDD)
Working Environment	-10~+55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	Smart 1U, 275mm×205mm×45mm
Weight	0.524Kg (Without HDD)

Camera Specifications	
Image Sensor	1.3" 1.3 Megapixel Aptina CMOS
Lens	Fixed 3.6mm Lens @ F1.8
Minimum Illumination	Colour: 0.1 Lux/F1.2 / Black & White: 0.005 Lux/F1.2 / 0 Lux/F1.2 (IR on)
Video Compression	H.264 / MJPEG
Maximum IR LED Length	20m
Available Resolutions	1.3M (1280x960) / 720p (1280x720) / D1 (704x576) / CIF (352x288)
Frame Rate	1.3M (1~15fps) / 720p(1~25/30fps)
Angle of View	70°
Communication	1 RJ-45 10M/100M Ethernet Port
Power Supply	12VDC ± 10% / PoE (Power over Ethernet)
Ingress Protection Rating	IP66
Dimensions	Ø 64.5mm x 145mm
Weight	370g