



Model: DVR8ENTPACK2M

# 8 Camera DVR Kit with 1TB Hard Drive & 19" LCD Monitor



The DVR8ENTPACK2 is a complete 8 channel surveillance package. It includes a 19" LCD wide screen monitor, 4x 520TVL weatherproof bullet cameras and 4x 520TVL weatherproof dome cameras, making the kit a versatile solution for a variety of environments. Both cameras models have 15m infrared range - perfect for areas with low light or for night recording.

The DVR can record each camera at D1 resolution (704 x 576) at 6 fps and can be customised to automatically record over old footage, viewed over a windows PC network or viewed remotely over the Internet. All cabling, remote control and power supplies are included in the kit.

## Watch Over the Internet from Anywhere!\*

This Watchguard Surveillance System is capable of offering mobile surveillance via popular smartphone/tablet operating systems such as iOS on the iPhone & iPad, and Google Android mobile devices. It is also available for Windows Mobile, Symbian and BlackBerry operating platforms.

Network surveillance can also be accessed through Internet Explorer web browser.



\* Broadband internet required for remote access. Laptop and smartphone not included. Brands and logos used are the property of their respective owners only.

# Package Contents

The DVR8ENTPACK2 is a complete 8 channel surveillance package. The kit includes:



## 1 x 8 Channel H.264 Stand Alone Digital Video Recorder with Network Functionality, Remote Access & 1TB Hard Drive

- Advanced H.264 video compression technology
- Multiplex operation
- Long recording duration
- Intelligent video motion detection recording
- Remote network surveillance & backup functions
- Easy to operate like a VCR with buttons for play, record, FF, RW, pause, search, etc
- System auto recovery after power loss (blackout)
- Watermark function ensures authentication of the recorded images \* Supports TCP/IP, PPPoE, DHCP and DDNS network connection



## 4 x Weatherproof Infrared Bullet Cameras

- High Quality CCD image sensor for superior picture quality
- 520 TVL Resolution
- 15m infrared range for viewing in complete darkness
- Compact and weatherproof design (IP66) for use indoors and outdoors



## 4 x Weatherproof Infrared Dome Cameras

- High Quality CCD image sensor for superior picture quality
- 520 TVL Resolution
- 15m infrared range for viewing in complete darkness
- Compact and weatherproof design (IP66) for use indoors and outdoors



## 1 x 19" LCD Monitor with LED backlight

- 16:9 Aspect Ratio
- 30,000:1 Contrast Ratio
- 1366x768 Resolution
- 5ms Response Time



## 1 x Monitor Connection Cable

- Allows you to connect the BNC monitor output from the DVR to the RCA video input on your TV / VCR

## 1 x Network Cable (Optional Use)

- Allows you to connect the LAN port on the DVR to your PC or network to facilitate remote viewing or backup functions

## 2 x Power Split Cable

- Allows you to connect 8 Cameras to 1 power supply



## 8 x Camera Connection Cables

- Combined DC power and video leads pre-terminated
- Allowing simple plug-in connection (no tools required)
- 2 x 10m, 2 x 20m, 4 x 30m Leads Supplied



## 2 x Switch Mode Low Voltage Power Supplies

- 1 x 3Amp 12VDC supply for use with the power split cable to power all cameras
- 1 x 2Amp 19VDC power supply for use with the DVR Advanced Switch Mode Technology

## 4 x High-Vis UV Resistant Window Warning Stickers



### Specifications: DVR8ENT2

Video Compression Format	H.264
Video Input	8 Channels
Audio Input / Output	4 audio inputs, 1 audio output (mono)
Recording Resolutions	704x576 (D1) / 704x288 / 352x288 (CIF)
Recording Framerate	100 fps
Maximum Recording Resolution	6 fps at D1 (704x576) on Every Channel / Real Time (25 fps) at CIF (352x288) on Every Channel
Hard Disk Storage	Accommodates 2 SATA HDD (capacity up to 2TB) / Built-in SATA Interface
Quick Search	Time/Motion/Alarm search mode
Recording Mode	Manual/Timer/Motion/Alarm/Remote
Multiplex Operation	Live display/Record/Playback/Backup/Network operations
USB Mouse Control	YES
Motion Detection Area	16 x 12 grids per channel
Motion Detection Sensitivity	3 adjustable parameters for accurate detection
Pre-alarm Recording	YES
Backup Device	USB 2.0 flash drive / Network
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet
Web Interface	Licensed software "Video Viewer" / Internet Explorer, Mozilla Firefox, Safari, Opera or Google Chrome web browser / QuickTime player Web Interface (5 users access simultaneously) *Operating System: Windows 7 / Vista / XP / 2000
Network Protocol	TCP/IP, PPPoE, DHCP and DDNS
Event Notification	Push Video, FTP & E-Mail
Push Video Enabled Devices	iPhone, iPad and Android
Mobile Surveillance	Yes: iPad, iPhone, Blackberry, Windows Mobile & Java
Picture Zoom	2X digital zoom
PTZ Control	YES
Alarm I/O	4 inputs, 1 output
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Video Adjustable	Hue / Saturation / Contrast / Brightness
Power	DC 19V
Operating Temperature	10°C ~ 40°C
Dimensions (mm)	343(W) x 59(H) x 223(D)
System Recovery	System auto recovery after power failure



### Specification: 19" Wide Screen Monitor

Aspect Ratio	16:9
Brightness	300 cd/m2 (Typical)
Contrast Ratio	30,000:1
Resolution	1366x768
Response Time	5ms (Typical)
Size	19" Wide
Supported Colours	16.7M Colors
Viewing Angle	H:170°, V:160°



**Specification: VSWFF15MIR520B**

Image Sensor	1/3" CMOS + IR Cut filter	Video Output	1 Vp-p / 75 Ohms
Horizontal Resolution	Colour: 520TVL	Lens	3.6 mm Board Lens
Signal System	PAL	IR LEDs	24 pieces 5 mm IR-LED
IR Distance	15M	Waterproofing Criterion	IP66
Minimum Illumination	0.2 Lux /F2.0	Power	DC12V±10%
Sync System	Internal	Working Temperature	-10°C ~ +50°C RH95% Max
S/N Ratio	More than 48dB	Dimensions	L170 x H69 x W65 mmmm
Electronic Shutter	1/50~1/110,000	Weight	600g



**Specification: VSDFF15MIR520VP**

Image Sensor	1/3 CMOS	Video Output	1 Vp-p / 75 Ohms
Horizontal Resolution	Colour: 600TVL	Lens	3.6 mm Board Lens
Signal System	PAL	IR LEDs	24 pieces 5 mm IR-LED
IR Distance	15M	Waterproofing Criterion	IP66
Minimum Illumination	0.2 Lux /F2.0	Power	DC12V±10%
Sync System	Internal	Working Temperature	-10°C ~ +50°C RH95% Max
S/N Ratio	More than 48dB	Dimensions	φ94 x 80 mm
Electronic Shutter	1/50~1/110,000	Weight	500g



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