

DRX Series - Digital Video Recorder

DRX Series

Key Features and Benefits

- Four models: **DRX25**, **DRX50**, **DRX100**, **DRX200**
- Supports **4-32** cameras
- MPEG4 or AZTECH codec for improved image quality and file size
- Built in video matrix with full and multiscreen analog monitor outputs.
- **2-16** audio inputs
- **30-240** IPS live display
- Record network or analog based video cameras with resolutions from 352x240 (CIF) to 2560x1920 (5Mpix)
- **2-16** Channels of audio
- **30-240** IPS recording (352x240 NTSC, 352x288 PAL)
- Selectable Aztech™ pre analysis algorithm for additional file size reduction on HD mega pixel cameras
- POS interface for many popular models
- Windows XP Embedded operating system
- Four different case styles
- Internal Hardware RAID5 drive option on CO series case
- Supports Pelco™ KBD300 and Microsoft compatible keyboards
- Optional 16 alarm inputs and 16 relay outputs both RS485 and IP based
- Local and remote PTZ control support for most manufactures
- VIDEO storage drive partitioning for Motion, Alarm and POS records
- CSA approval
- Compatible with all **VIGIL** software applications; **VIGIL Client™**, **VIGIL Health Monitor™**, **VIGIL VFS™** storage, **VIGIL V-POS™** and **VIGIL Gatekeeper™** and **VIGIL VCM**

FOUR CASE STYLES

LT-Mini tower



WM-Wall mount



CC-Mini Cube

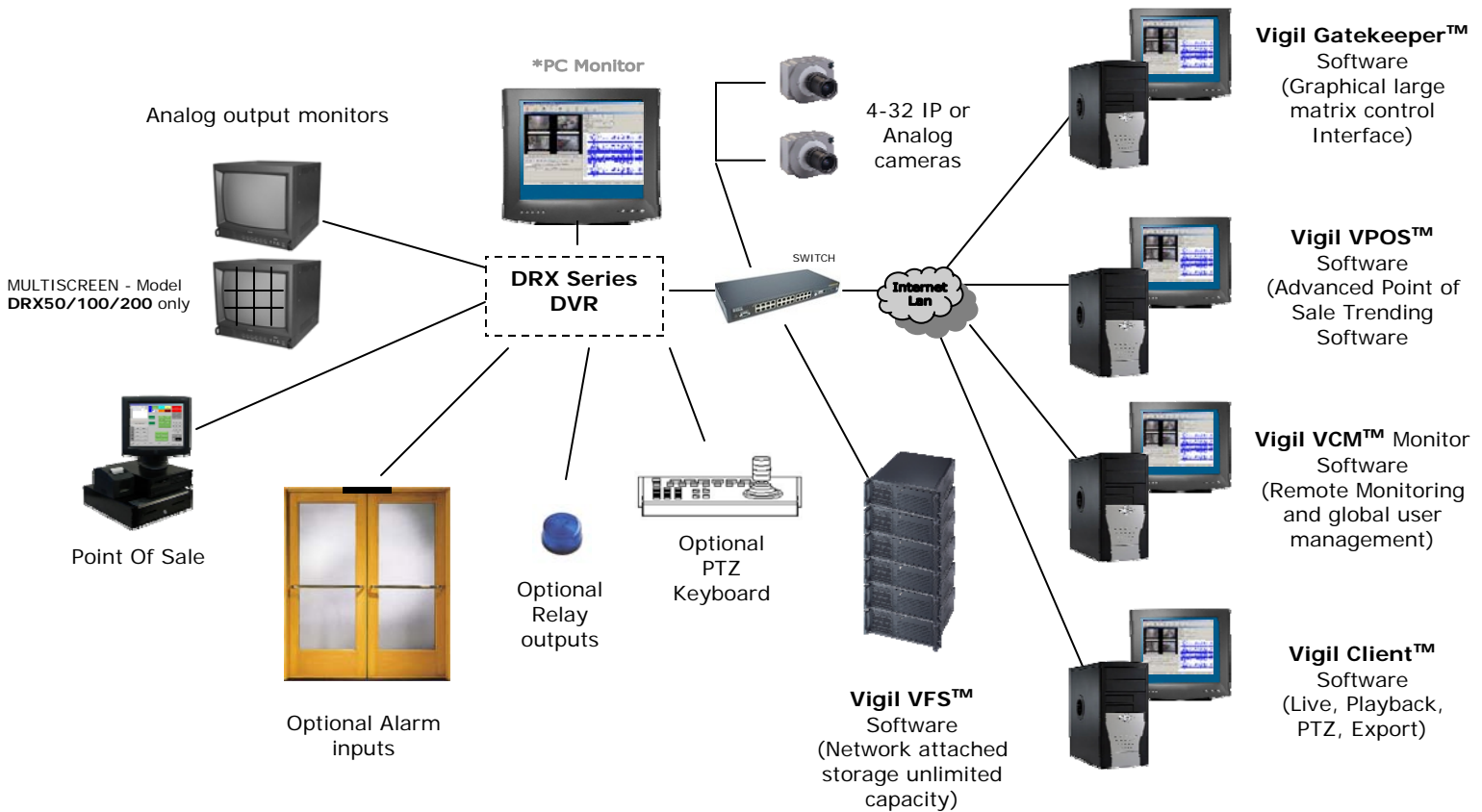


CO-Commercial 19" rack

The VIGIL **DRX** series Digital Video Recorder (DVR) features the latest developments in recording technology. A truly hybrid DVR with the ability to record **4-32** analog or IP based cameras. The **DRX** series DVR is capable of a recording rate of **30-240** images per second at 352x240 NTSC, 352x288 Pal. The built in video matrix 32x2 (DRX50/100/200 series) is capable of displaying both IP and analog based cameras combined. These versatile units are ideal for demanding video recording applications such as those found in Retail, Airports, distribution facilities, and other application requiring high quality recording.

This incredibly versatile unit supports multiple software applications and ensures unmatched ease-of-use.

Technical Specifications DRX series



SAMPLE SYSTEM CONFIGURATION

Model Specifications

DRX-Series: **DRX25**, **DRX50**, **DRX100**, **DRX200**

Video Input & Image Quality

- 4-32 camera - **DRX25** 4-16 Cameras, **DRX50** 16 cameras, **DRX100** 16-32 cameras, **DRX200** 16-32 cameras
- 30-240 IPS live display - **DRX25** 30IPS, **DRX50** 60IPS, **DRX100** 120IPS, **DRX200** 240IPS
- 30-240 IPS maximum record at 352x240 NTSC, 352x240 PAL - **DRX25** 30IPS, **DRX50** 60IPS, **DRX100** 120IPS, **DRX200** 240IPS
- Selectable Proprietary compression AZTEK™ or MPEG4
- Recording Resolutions analog cameras: (4CIF) 704x480 NTSC, 704x576 PAL, (CIF) 352x240 NTSC, 352x288 PAL
- Recording resolution IP cameras: to 2560x1920 (5Mpix)

Video Output

- Main monitor: VGA (1024x768)
- Analog multiscreen - DRX50/100/200 only
- Analog spot monitor

Audio

- Recording 2-16 Channels - **DRX25** 2CH, **DRX50** 4CH, **DRX100** 8CH, **DRX200** 16CH

Alarm Inputs and Outputs

- Optional 16 Alarm inputs, 16 Relay outputs

Connectivity

- LAN/WAN: 10/100/1000 Ethernet
- Connector (LAN/WAN): RJ-45

Hardware

- Windows XP, *XP Embedded
- Internal 36 GB Operation System
- 500GB to 5000GB Video Storage
- Internal DVDRW
- Pentium 4 up to 3.6GHz, 1000 MB RAM, 32 MB graphic card

Electrical

- Power source: 115-120 VAC; 50-60 Hz switch able, maximum 540W

Physical

- (LT) Tower Case - Approx. weight: 15.86kg (35lbs) - (with 1 terabytes)
- (CC) Cube Case - Approx. weight: 9.07 (20lbs) - (500GB)
- (CO) Rack Mount Case - Approx. weight: 13.06KG (30lbs) - (with 1 terabytes)
- (WM) Wall Mount Case - Approx. weight: 13.06KG (30lbs) - (with 1 terabytes)

Video Standards

- NTSC/ PAL

Warranty

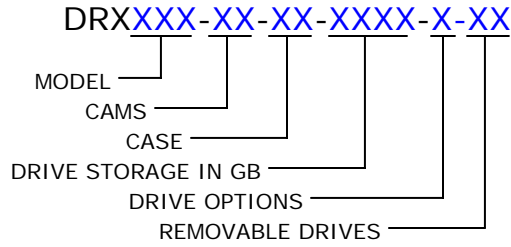
- 3 years, 1 year for hard drive
- CSA Approval

Environmental

- 50-95Deg F (10-35Dec C) 20-80% noncondensing humidity

Models Numbers DRX series

Use the following table to create a model number for your VIGIL DRX series. For example, the model number for a 240 image per second 32 camera system in a commercial 19" rack mount chassis with 1000GB of video drive storage and 10 raid five compliant drives the part number would be **DRX200-32-CO-1000-R-10**



Commercial case series

Dimensions: 482mm (W) x 502mm (D) x 178mm (H) (19in x 19.75in x 7in)



| MODEL | CAMS | CASE | DRIVE STORAGE IN GB | DRIVE OPTIONS | NUMBER OF REMOVABLE DRIVES |
|-------|-----------------------|-------------------|---------------------|-------------------|----------------------------|
| 25 | 4 (25 only) | CO-Commercial 19" | 500 | D-Removable | 05 |
| 50 | 16 | | 820 | R-RAID5 Removable | 10 |
| 100 | 32 (100 and 200 only) | | 1000 | O-Internal | |
| 200 | | | 1500 | | |
| | | | 2000 | | |
| | | | 2500 | | |
| | | 3000 | | | |
| | | 3500 | | | |
| | | 4000 | | | |
| | | 4500 | | | |
| | | 5000 | | | |

Mini Tower case series

Dimensions: 180mm (W) x 352mm (D) x 365mm (H) (7.1in x 13.9in x 14.4in)



| MODEL | CAMS | CASE | DRIVE STORAGE IN GB | DRIVE OPTIONS | NUMBER OF REMOVABLE DRIVES |
|-------|-----------------------|---------------|---------------------|---------------|----------------------------|
| 25 | 4 (25 only) | LT-Mini tower | 500 | O-Internal | 00-N/A |
| 50 | 16 | | 820 | | |
| 100 | 32 (100 and 200 only) | | 1000 | | |
| 200 | | | | | |
| | | | | | |

Mini Cube case series

Dimensions: 220mm (W) x 325mm (D) x 210mm (H) (8.66in x 12.8in x 8.28in)



| MODEL | CAMS | CASE | DRIVE STORAGE IN GB | DRIVE OPTIONS | NUMBER OF REMOVABLE DRIVES |
|-------|-------------|--------------|---------------------|---------------|----------------------------|
| 25 | 4 (25 only) | CC-Cube Case | 500 | O-Internal | 00-N/A |
| 50 | 16 | | 820 | | |
| 100 | | | 1000 | | |
| 200 | | | | | |

Wall Mount case series

Dimensions: 405mm (W) x 169mm (D) x 525mm (H) (15.9in x 6.6in x 20.7in)



| MODEL | CAMS | CASE | DRIVE STORAGE IN GB | DRIVE OPTIONS | NUMBER OF REMOVABLE DRIVES |
|-------|-----------------------|---------------|---------------------|---------------|----------------------------|
| 25 | 4 (25 only) | WM-Wall Mount | 500 | O-Internal | 00-N/A |
| 50 | 16 | | 820 | | |
| 100 | 32 (100 and 200 only) | | 1000 | | |
| 200 | | | | | |
| | | | | | |

Alarm inputs and Relay outputs

| PART NUMBER | Description |
|-------------|--|
| ADAM-4052 | External RS422/485 alarm interface—8 alarm inputs |
| ADAM-4068 | External RS422/485 alarm interface—8 relay outputs |
| ADAM-4055 | External RS422/485 alarm interface—16 alarm inputs |
| 232-422CONV | RS232—RS422 port powered data converter |
| ADAM-6060 | External IP based Network alarm interface—6 relay outputs 6 alarm inputs |
| DIO-0804 | Internal card - Eight alarm inputs—Four relay outputs |

Miscellaneous

| PART NUMBER | Description |
|-------------|--|
| PTZ-4BTN | USB joystick controller with four programmable buttons |
| KBD300A | Pelco™ full function desktop keyboard |