



## OnCue IP "S" NVR Series

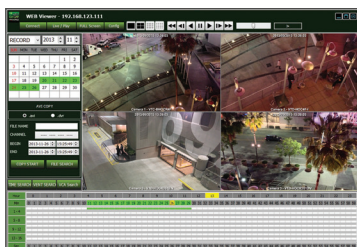
VT-NV "S" Series Stand-alone Real-time IP Network Video Recorders with Real Time Recording on all channels at 1080P and shares the same local and remote software platform as our award winning On Cue HD-SDI recorders. The Advanced On Cue Central Monitoring software (CMS) is capable of connecting multiple On Cue NVRs and HD-SDI/EX-SDI recorders. Up to 3 Internal SATA2 HDD Slots support up to 12TB (3 x 4TB HDD) using Advanced HDD Format plus optional eSATA for storage expansion (up to 5 more HDD).

### VT-NV "S" Series:

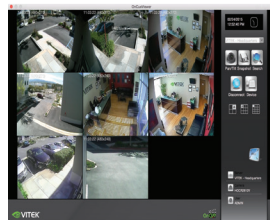
#### 4, 8, and 16 Channel Real Time 1080P Network Video Recorders

##### Features:

- 4, 8 or 16 Channel Stand-alone Real-time IP Network Video Recorders
- Full HD (1080p) Real-time recording with 120fps live display & playback
- Panorama (Thumbnail) Search
- HDMI, VGA, and BNC Outputs
- H.264 & MPEG4 Dual Streaming Compression Method
- Plug and Play & Auto configuration for ONVIF compliant and many leading IP Camera models
- P2P (Peer to Peer) camera connection supported by internal Hub
- Auto Port Forwarding supported by uPnP
- Health monitoring: Temperature, Fan speed, HDD S.M.A.R.T
- Alarm In/Out
- Per channel Image Adjustment
- Internal 4-Port PoE Switch
- 1 Gigabit LAN Port / 1 Gigabit WAN Port
- Video Analytics with Search Feature (Camera dependent)
- Linear Digital zoom / Automatic sequencing / Freezing
- Quadplex (Live / Record / playback / network)
- Remote Viewing via CMS Software, Internet Explorer, and Mobile Phones (iOS/Android)
- Web-based remote configuration
- Supports up to 12GB Internal Storage (3x4TB - VT-NV800S/VT-NV1600S) / 8GB Internal Storage (2x4TB - VT-NV400S)
- eSATA for storage extension of up to 5 more HDD (VT-NV800S/VT-NV1600S)
- RS485 Communication port
- Bidirectional Audio Support
- Dual Recording mode for data integrity



Remote Viewing from Anywhere Using Internet Explorer



Remote Viewing using Mac OS X



Remote Viewing Apps for iPhone, iPad & Android



An Eye On  
Innovation



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| Detailed Specification   | VT-NV400S                                                                   | VT-NV800S                 | VT-NV1600S                |
|--------------------------|-----------------------------------------------------------------------------|---------------------------|---------------------------|
| Channels                 | 4 CH                                                                        | 8 CH                      | 16 CH                     |
| Max Recording Rate       | 120fps@1080p                                                                | 240fps@1080p              | 480fps@1080p              |
| Max.Bitrate (Per Camera) | 5Mbps (720p) / 4Mbps (1080p) @ 30fps                                        | 8Mbps (720/1080p) @ 30fps | 6Mbps (720/1080p) @ 30fps |
| IP Camera Support        | Vitek / Samsung / UDP / CNB / Comart / Truen / Shany / SecuBest / OnViF     |                           |                           |
| Video Output             | 120 fps @ 1080p                                                             | 120 fps @ 1080p           | 120 fps @ 1080p           |
| Display Mode (Channels)  | 1 / 4                                                                       | 1 / 4 / 9                 | 1 / 4 / 9 / 16            |
| CVBS (BNC) Outputs       | MAIN w/o GUI                                                                |                           |                           |
| Video Compression        | H.264 Baseline/Main/High Profile, MPEG4                                     |                           |                           |
| Audio Recording          | 1 Per Camera Using audio streams from camera                                |                           |                           |
| Audio (External)         | Using audio streams from camera (G.711, ADPCM, PCM)                         |                           |                           |
| Local Audio Inputs       | 1CH Line-in                                                                 |                           |                           |
| Search Mode              | Time / Calendar / Panorama / Event / VCA Metadata                           |                           |                           |
| Panorama Search          | Support with 16 split view window                                           |                           |                           |
| WAN Port                 | 1 x 10/100                                                                  | 1 x G-NET                 | 1 x G-NET                 |
| LAN Port                 | 1 x G-Net                                                                   | 1 x G-Net                 | 1 x G-Net                 |
| P2P Port (PoE Hub)       | 4 x 10/100                                                                  |                           |                           |
| Live Streaming           | 1st or 2nd stream selectable                                                |                           |                           |
| Remote Viewing           | RMS for Windows, Web Viewer(ActiveX), iOS Viewer, Android Viewer            |                           |                           |
| No of HDDs               | 3 (SATA-II)                                                                 |                           |                           |
| Max HDD Size             | 2 (SATA-II)                                                                 | 4TB                       | 3 (SATA-II)               |
| RAID Mode                | Dual Recording                                                              |                           |                           |
| e-SATA                   | 1                                                                           |                           |                           |
| Media Type               | N/A                                                                         | USB Memory or USB HDD     | 1                         |
| Copy Format              | AVI                                                                         |                           |                           |
| Backup                   | DVR format (with the embedded file player)                                  |                           |                           |
| Video Loss               | Connection Lost Detection                                                   |                           |                           |
| Alarm In/Out             | 4 In / 1 Out (Relay)                                                        |                           |                           |
| Motion Detection         | Indicated from Camera                                                       |                           |                           |
| VCA/Meta data            | Camera dependent                                                            |                           |                           |
| GUI Control              | IR Remote Control / USB Mouse                                               |                           |                           |
| Health Checking          | HDD S.M.A.R.T/ Fan Speed / Watchdog / Record Integrity                      |                           |                           |
| Serial Com.              | RS-485 for PTZ and Controller                                               |                           |                           |
| Language                 | Multi-Language (English/Russian/German/Korean/Japanese/Chinese/Polish/Etc.) |                           |                           |
| System                   | DC 12V/3A                                                                   |                           |                           |
| PoE Power                | 72W(DC 48V/1.5A)                                                            |                           |                           |
| WxDxH (mm)               | 14.57" x 10.04" x 2.36 (370 x 302 x 60mm)                                   |                           |                           |
| Operation Temp.          | 32° ~ 104°F (0° ~ 40°C) / 10 ~ 90% RH                                       |                           |                           |

### VT-NV400S SERIES CONFIGURATION

|              |                                                                         |
|--------------|-------------------------------------------------------------------------|
| VT-NV400S/1T | 4ch NVR 1080P Real Time 1 Terabyte Drive w/4ch PoE, E-Sata, (2HDDs Max) |
| VT-NV400S/2T | 4ch NVR 1080P Real Time 2 Terabyte Drive w/4ch PoE, E-Sata, (2HDDs Max) |
| VT-NV400S/4T | 4ch NVR 1080P Real Time 4 Terabyte Drive w/4ch PoE, E-Sata, (2HDDs Max) |
| VT-NV400S/6T | 4ch NVR 1080P Real Time 6 Terabyte Drive w/4ch PoE, E-Sata, (2HDDs Max) |
| VT-NV400S/8T | 4ch NVR 1080P Real Time 8 Terabyte Drive w/4ch PoE, E-Sata, (2HDDs Max) |

### VT-NV800S SERIES CONFIGURATION

|               |                                                                          |
|---------------|--------------------------------------------------------------------------|
| VT-NV800S/1T  | 8ch NVR 1080P Real Time 1 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV800S/2T  | 8ch NVR 1080P Real Time 2 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV800S/4T  | 8ch NVR 1080P Real Time 4 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV800S/6T  | 8ch NVR 1080P Real Time 6 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV800S/8T  | 8ch NVR 1080P Real Time 8 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV800S/12T | 8ch NVR 1080P Real Time 12 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max) |

### VT-NV1600S SERIES CONFIGURATION

|                |                                                                           |
|----------------|---------------------------------------------------------------------------|
| VT-NV1600S/1T  | 16ch NVR 1080P Real Time 1 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV1600S/2T  | 16ch NVR 1080P Real Time 2 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV1600S/4T  | 16ch NVR 1080P Real Time 4 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV1600S/6T  | 16ch NVR 1080P Real Time 6 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV1600S/8T  | 16ch NVR 1080P Real Time 8 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max)  |
| VT-NV1600S/12T | 16ch NVR 1080P Real Time 12 Terabyte Drive w/4ch PoE, E-Sata, (3HDDs Max) |



Rear Connections