

# NRP400V

Industrial grade Windows-based tower NVR, multiple user-friendly and easy-to-expand features, SW/HW RAID available, 4 x 3.5" HDD bays



## Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

### Reliable

- Industrial grade tower NVR
- CPU protection: auto-drop frame when CPU usage reaches the user defined threshold

### User-friendly

- Support 16CH up to 32 channel real-time live display, recording and playback
- Support resolution 2 Megapixels (Full HD) Up to 5 Megapixels recording
- Flexible layout arrangement
- User-friendly tool bar for each channel
- Instant playback and event playback directly in the Live section
- Panic button offers 1-click convenience to execute necessary actions
- Unlimited drag to zoom for more details
- Event highlights on the timeline
- Smart search by video thumbnails according to selectable Interval, post processing motion detection, events, and event calendar
- Bookmark control to highlight specific time of interests
- Easy-to-create instant report, image saving and snapshot
- Dynamic bandwidth management
- Two-way audio for message broadcasts or direct communications

### Easy-to-deploy and Expand

- Scalable and expandable Windows-based open platform structure, third party integration available for POS system, people counting cameras, etc.
- Automatic camera discovery detects and configures any newly added cameras via ONVIF

### Additional Benefits

- 3-year warranty
- SW RAID 0/1/5/10 (HW RAID optional), hot-swappable HDD
- Remote access to video for faster response to incidents

## Specifications

<b>Software</b>	
System Security	Only authorized users have Windows access Password protection for NVR management
Resume Previous Display Mode After Abnormal Exit	Yes
Clients	Supports Windows Smart Client, iOS App, Android App, IE, Safari, and Google Chrome
Third Party Integration	POS integration & retail solution, people counting camera integration, people counting analysis & reporting etc
CPU Protection	User-defined CPU usage upper boundary, auto drop frame when CPU usage reaches the upper boundary
<b>Video &amp; Recording</b>	
IP Camera License	16ch, 24ch, 32ch
Video Codec	H.264 High Profile, MPEG4, M-JPEG, MXPEG
Onvif Supports	Onvif Profile-S
<b>Recording</b> resolution	5MP /3MP /1080P /1.3MP / 720P /VGA /4CIF /2CIF /CIF /QCIF
Recording Capacity	24 TB (4x 6HDDs) , RAID 0, 1, 5, 10
<b>Live View</b>	
Display	User-defined view with flexible layout arrangement
Enhanced Video Information	Video details per channel and overall bitrate display
Logical Panic Button Support	Event-triggered action within software
Camera ROI On-the-fly	ROI support on all video channels on-the-fly
Digital Zoom	Drag to zoom (Unlimited amplification factor)
On-screen PTZ	PTZ control panel with focus control
Preset Control	Points, Tour
Display Optimization for Multiple Channels	Up to 6 video stream profiles selection Pre-defined high/mid/low video stream profile regarding the number of live view channels
Video Panel	Instant playback, two-way audio, save image and snapshot, manual record
Event Panel	Camera alerts of network lost/recovery, video lost/recover, motion detection, DI/O NVR alerts of panic button and manual record
<b>Playback</b>	
Brightness Control on Video	Brightness adjustment for video review
Synchronized Video Playback	Up to 16 channels synchronized playback
Multiple Speed Playback	Up to 8x speed playback
High Speed Video Export	AVI video export; Raw video export; Auto resume on failed export; Bundled video player
Watermark	Exported images and video files are protected with watermark
Flexible Recording Storage Management	Virtual file distribution system. Housekeeper by keeping space or days per channel
Video Export	Max. 2GB per file (split into 2 files if overloaded)
Evidence Tracking	Supports video bookmarking and bookmark browsing for evidence tracking for further investigation
Camera ROI On-the-fly	Supports ROI on all video playback on-the-fly
Video Panel	Save image and snapshot

## Specifications

Investigation	
Event Indication on Timeline	Color-coded event indication on timeline, audio track on timeline
Multi-camera Event Search	Supports on multiple NVRs
Event Reporting	Save event report of the matched event items
Calendar View	Playback supported Color-coded event indication on monthly view Monthly event summary of selected cameras
Post Processing Motion Detection	Supports up to 5 ROI regions of post processing motion detection Supports thumbnail listing of the search result
Hardware	
CPU	Intel Core i7-4770TE, Quad Core, 2.3GHz /8MB/45W LGA1150 Intel Core i5-4570TE, Quad Core, 2.7GHz/4MB/35W LGA1150
OS	Windows 7
Memory	2 x DDR3 1066/1333 SODIMM socket
Platform Control Hub	Intel® Q87
Storage	4 x 3.5" HDD removable driver bay, supports SATA2/3 (Max 4TB Each HDD) 1 x SATA DOM for OS (optional)
Raid	Software RAID : 0/1/5/10 (Hardware RAID optional)
Protocol	HTTP, HTTPS, RTSP, TCP/IP, SMTP, SNTP, NTP, IPv4, IPv6
I/O Interface-Front	HDD access/power status LEDs 2 x USB2.0 ports
I/O Interface-Rear	2 x RJ45 10/100/1000Mbps 4 x USB3.0 ports 1 x HDMI ( supports max. resolution 1920x1200 ) 1 x VGA ( supports max. resolution 2048x1536 ) 3 x Serial Ports ( RS-232/ 422/ 485 ) 3.5 mm: 1 x Mic-in & 1 x Line-Out
Expansion Slot	1 x mini-PCIe for mini PCIe DOM or 1 x PCIe(x16) for RAID controller
Power	250W ATX power supply, AC 100V to 240V
Dimension	200mm(W) x 250mm(H) x 303mm(D)
Environment	Operating Temperature: Ambient with air flow: 0°C to 40°C/32°F to 104°F Storage temperature: -20°C to 70°C/-4°F to 158°F Relative humidity: 10% to 90% (non-condensing)
Include	CMS Pro and ECCS100
Certification	CE approval, FCC Class A,ROSH

### Ordering Information:

**NRP400V-016:** CPU i5, 4G RAM, 16 channels  
**NRP400V-024:** CPU i5, 4G RAM, 24 channels  
**NRP400V-032:** CPU i5, 4G RAM, 32 channels  
**NRP400V-048:** CPU i7, 8G RAM, 48 channels  
**NRP400V-064:** CPU i7, 8G RAM, 64 channels

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 Specifications are subject to change without notice.  
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