

## VNS 8



The VNS 8 is an audio and video network system with 8 IP based channels for monitoring, streaming, recording and playback of various video channels.

The VNS series is designed for both stand-alone or client/server applications. Using a release code the basic version with 8 IP based channels can be activated by blocks of another 4 IP based channels at a time (up to a total maximum of 16 IP based channels).

- Up to 16 IP based video channels
- PentaplexPlus functionality: Simultaneous real-time recording, streaming, live display, playback and remote access
- Supports cameras by third-party manufacturers, including megapixel and high-definition cameras
- Supported video formats: MPEG-4, MJPEG, H.264 <sup>1)</sup>
- Supported audio formats: MPEG-1 Layer 2, G.722 <sup>1)</sup>
- Resolution: SD, HD (720p, 1080i, 1080p), up to 8MP
- Bit rate up to 4Mbps
- Frame rate per channel up to 12.5 fps at all resolutions
- Evaluation with SeMSy® or PView via Ethernet
- Integrated software for administration and configuration
- Live access via web browser
- Motion detection and IP Finder for Dallmeier IP cameras integrated
- EasyChange functionality in case of hard disk failure
- Linux operating system on Flash memory
- DIN EN 50130-4 compliant

<sup>1)</sup> In development

Variants		Options		Activations	
Item number		Item number		Item number	
008.005.000.008	VNS 8 without HDDs 8x IP based video channels	000.120	19" bracket, for a 2HU single device	200.034	PGuard light
008.005.016.108	VNS 8 with 1x 160 GB HDD 8x IP video channels	100.093	Multi Display Board, for the use PRemote advance, incl. PRemote advance activation	200.124FS	Weather server
008.005.025.108	VNS 8 with 1x 250 GB HDD 8x IP based video channels	200.128FS	Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)	240.000IP04	Activation of additional 4 IP based channels
008.005.032.208	VNS 8 with 2x 160 GB HDDs 8x IP based video channels	200.338	Filter pad, 2HU (5 pieces)		
008.005.050.108	VNS 8 with 1x 500 GB HDD 8x IP based video channels	200.325	DFM-1-USB radio clock unit, Radio clock unit on USB (up software version: V5.1.X)		
008.005.050.208	VNS 8 with 2x 250 GB HDDs 8x IP based video channels				
008.005.075.108	VNS 8 with 1x 750 GB HDD 8x IP based video channels				
008.005.100.108	VNS 8 with 1x 1000 GB HDD 8x IP video channels				
008.005.100.208	VNS 8 with 2x 500 GB HDDs 8x IP based video channels				
008.005.150.208	VNS 8 with 2x 750 GB HDDs 8x IP based video channels				
008.005.200.208	VNS 8 with 2x 1000 GB HDDs 8x IP based video channels				

## Technical specifications

Standard / max. video channels  
Supported cameras  
Operating mode

Recording mode  
Display via PRemote advance

Split display via PView  
Video formats  
Audio formats  
Recording resolution  
Display resolution

8x / 16x IP channels  
IP cameras of Dallmeier and of third party, incl. Megapixel and High-Definition cameras  
PentaplexPlus functionality: real-time recording streaming and live display, playback and remote access  
Permanent, motion, contact, timer  
Live-display: 1x; Multi Display Board required  
Split display: 4x, in development  
Playback: 1x; Multi Display Board required  
1x, 4x, 9x, 16x, (live-display and playback)  
MPEG-4, MJPEG, (H.264 in development)  
MPEG-1 Layer 2 (G.722 in development)  
SD, HD (720p, 1080i, 1080p), up to 8 MP  
D1, 4CIF, Half D1, 2CIF, CIF, QCIF

### Frame rate at all resolutions

Per IP based channel

6.25 / 12.5 fps

### Bit rate per channel

With up to 8 activated IP channels  
With up to 16 activated IP channels

Up to 4 Mbps  
Up to 3 Mbps

### Integrated / optional functions

Management software  
Configuration software  
Motion detection  
Track modes  
Audio for all channels  
Internal RAID 1  
Activation of 4 further IP-channels

PView Light  
DMS NetConfig  
Integrated  
Standard, automatic, manual  
Integrated  
Integrated  
Up to 2x 4 IP channels (max. 16 IP channels)

### Interfaces

Video outputs  
Audio outputs  
Aux/Line IN -mainboard-  
Ethernet  
Ethernet protocols  
Contact IN  
Contact OUT  
USB  
Serial  
PS/2  
SATA extention interface

1x VGA, 2x CVBS/BNC (optional)  
1x 3.5 mm phone jack  
1x 3.5 mm phone jack  
1x RJ45, 10/100/1000 Mbit/s  
Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP  
14x, 4 functions each  
5x, as NO or NC  
5x, as NC or NO  
2x RS 232, 1x RS 485  
Mouse, keyboard  
Optional (for DAS-4 Eco)

### Further specifications

Exchangeable hard disks  
Max. storage capacity  
Video norm  
Power consumption  
Voltage supply  
Heat power  
Dimensions W x H x D  
Operating temperature  
Humidity -not condensing-  
Fan  
Operating system  
Languages  
Approvals / certifications

Up to 2x 3.5"  
Up to 2 TB  
PAL / NTSC  
Max. 60 W  
12V DC  
Max. 204 BTU/h  
425 x 88 (2 HU) x 384 mm  
5° - 40° C, 20° - 25° C recommended  
5 - 70%  
2x with automatic speed adaptation  
Linux  
German, English, French, Spanish (others on request)  
CE, FCC, ACA, UL, CB, DIN EN 50130-4