

A better eye on your investment





DVN 2000 Series 16-channel DVR
(Series 4-channel DVR and Series
9-channel DVR not shown)

The Digital Vision Network (DVN) 2000 series is an entry-level solution within the Johnson Controls DVN range of products. Equipped with an embedded Linux operating system, the DVN 2000 provides the robust and reliable performance you'd expect from the Johnson Controls DVN in an economical package.

DVN 2000 - system overview

Designed for smaller applications like retail, grocery and local municipalities among others, the DVN 2000 offers the latest in digital video processing technology without the complexity of larger systems. Ease of installation and an intuitive user interface mean minimal training is required. Operation is made easy through the front panel access, wireless remote control or a mouse. Optional SiteManager software allows management of multiple DVN systems, including the DVN 5000, simultaneously.

The DVN 2000 is based on true client-server architecture, offering exceptional levels of video and audio recording, and transmission performance for 4, 9, or 16 cameras. The choice of VGA or S-Video monitor output means more user flexibility. MPEG4 compression technology provides smaller file sizes and greater efficiency for transmitting over today's broadband networks. And, video is easily exported to a USB memory device or to a DVD using the built in DVD RW device.

The ability to record at resolutions up to 720 x 480 provides for clearer pictures and more effective footage for later use. Individual adjustments are available on a per camera basis.

For installations that require continuous or motion based recording, the Johnson Controls DVN 2000 provides a cost-effective solution. Models are available, which contain up to 1 TB of internal storage. The DVN 2000 meets the surveillance requirements of most installations.



DVN 2000 screen capture of integration with SiteManager



DVN 2000 screen capture representing the intuitive user interface

Features

- Real-time recording, playing, and viewing
- Integrated Pan/Tilt/Zoom (PTZ) control
- Embedded Linux operating system
- Recording schedule, quality, and mode configurable per camera
- Flexible user management - control access to cameras and functions per user
- Full-screen, multi-split screen, and picture-in-picture (PIP) mode available for live images
- Motion detection
- Motion tracing
- VGA video interface
- USB support
- Virtual keyboard
- Wireless remote control
- Rack mountable (9 channel and 16 channel only)
- MPEG4 Compression algorithm
- Audio output
- Alarm inputs
- Relay outputs
- Flexible recording configuration
- Compatible with existing networks
- Seamless integration with DVN SiteManager
- Local control (jog shuttle)
- Support for NTSC and PAL standards

DVN 2000 – system at a glance

SPECIFICATION	16-CHANNEL	9-CHANNEL	4-CHANNEL
Video Input	16 BNC	9 BNC	4 BNC
Loophrough	Yes		
Analog Output	1 RCA Composite, 4 BNC Spot Monitor Outputs	1 RCA Composite, 4 BNC Spot Monitor Outputs	1 BNC Composite, 1 Spot Monitor Output
Audio Input	4 RCA		
Audio Output	1 ADPCM		
Video Format	NTSC / PAL standards, Auto-Sensing		
Alarm Input	16 TTL (DC 5V/25mA), NO/NC Programmable	9 TTL (DC 5V/25mA), NO/NC Programmable	4 TTL (DC 5V/25mA), NO/NC Programmable
Auxiliary Output	4 Relay Output, 12 TTL Open-Collector, NO/NC Programmable	4 Relay Output, 5 TTL Open-Collector, NO/NC Programmable	2 Relay Output
Operator Interface	VGA, S-Video, Composite		
Internal Storage Archive	250 GB / 500 GB / ITB		250 GB / 500 GB
Recording Rate and Resolution	NTSC 240 IPS at 352x240 120 IPS at 704x240 60 IPS at 704x480		NTSC 120 IPS at 352x240 60 IPS at 704x240 30 IPS at 704x480
	PAL 200 IPS at 352x288 100 IPS at 704x288 50 IPS at 704x576		PAL 100 IPS at 352x288 50 IPS at 704x288 25 IPS at 704x576
Live Frame Rate	480 IPS (NTSC), 400 IPS (PAL)	270 IPS (NTSC), 225 IPS (PAL)	120 IPS (NTSC), 100 IPS (PAL)
Live Resolution	720 x 480 (NTSC), 720 x 576 (PAL)		
Live Display	1, 4, 9, 16, PIP	1, 4, 9, PIP	1, 4, PIP
Playback Display	1, 4, 9, 16, PIP	1, 4, 9, PIP	1, 4, PIP
IPS Per Camera	1 to 30 (NTSC) /25 (PAL)		
Video Compression	MPEG4 ASP (Advanced Simple Profile)		
USB Ports	USB 2.0		USB 1.0 (front panel port) and USB 2.0 (back panel port)
Ethernet Port	10/100 Mbps Full Duplex Ethernet		
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite. Supports Recording Schedule per camera.		
Alarm Notification	Automatic e-mail*, External Alarm, Video Loss, Record Failure, HDD Failure, Shutdown, Log-in		
Power Failure Recovery	Auto reboot while maintaining previous record setting		
Communication Port	USB, RS-232C, RS-485, Ethernet		
User Interface	USB Optical Mouse, Jog-Shuttle, Remote-Controller with ID (ID 00 to 99)		
Video Data Export	DVD+/-RW, CD+/-RW		
PTZ Control	Pan / Tilt / Zoom / Focus / Iris / Preset / Guard-Tour / Auto-Scan. Supported protocols: Pelco P, Pelco D, Weldex		
Power Source	AC 100 - 240V, 50/60Hz, Universal		
Operating System	Embedded Linux		
Power Consumption	83W	81W	70W
Weight	19.8 lbs (9 kg)		13.2 lbs (6 kg)
Dimensions (WxHxD)	17x3.5x17.7 in (430x89x450 mm)		15x2.9x16.5 in (381x74x419 mm)
Standard Certifications and Listings	UL, FCC, CE(EMCD/LVD), CLASS A		

*SMTP Authentication is not currently supported.