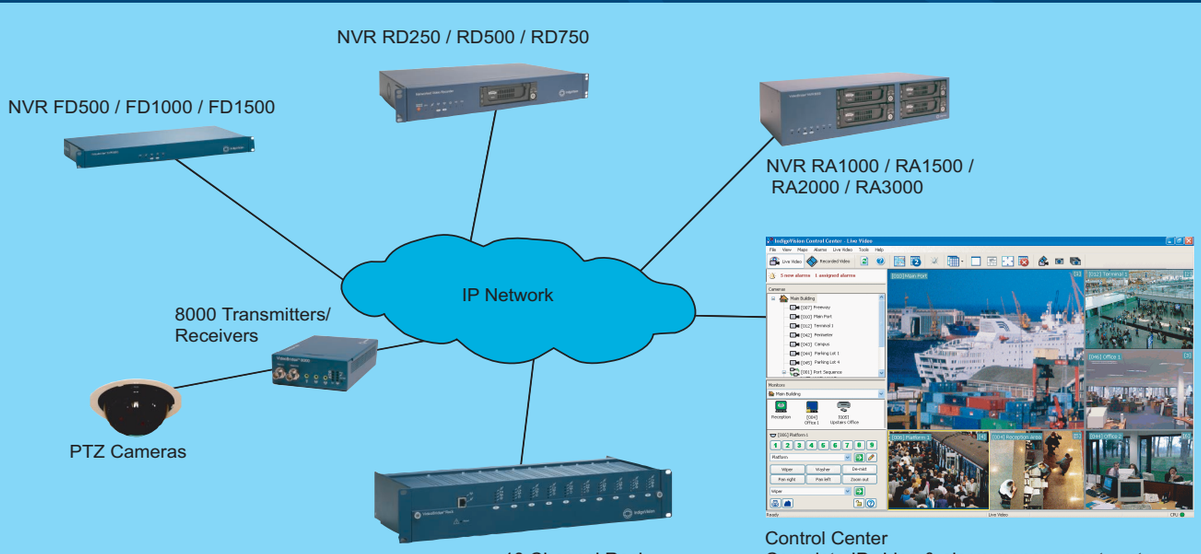
IndigoVision
Networked Video Recorder
200 Series



The Networked Video Recorder 200 Series is part of IndigoVision's complete IP Video product suite. This suite also includes a comprehensive range of transmitters and receivers and Control Center Enterprise IP Video and alarm management software.

NVR FD500 / FD1000 / FD1500 with integrated disks

The NVR 200 Series provides a powerful and integrated recording and playback system for video and audio from transmitters and receivers, with a choice of integrated or removable disks.

Each NVR in a system can simultaneously record and play back pictures at full frame rate. NVRs are managed and configured by the Control Center application. Video can be played back to PCs, analog monitors and standard VCRs.

NVR RD250 / RD500 / RD750 with removable disk

NVR RA1000 / RA1500 / RA2000 / RA3000 with RAID

IndigoVision Networked Video Recorders include powerful enterprise level features and functionality. All NVRs come as standard with provision for fully redundant power supplies and fully redundant Gigabit Ethernet connections. The RA1000 / RA1500 / RA2000 / RA3000 also have a RAID disk array.

IndigoVision
Networked Video Recorder
200 Series

IP Video & Alarm Management

System Specifications

	FD500	FD1000	FD1500	RD250	RD500	RD750	RA1000	RA1500	RA2000	RA3000
Streams	Any number from 1-20									
Maximum Network Throughput	32Mbps recording with simultaneous 8Mbps playback									
Physical Dimensions	440mm x 234mm x 45mm			440mm x 234mm x 65mm			440mm x 234mm x 110mm			
Network Connections	2 x 10/100/1000 BaseT RJ-45									
Network Redundancy	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Redundant Power Supply	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Removable Storage	N	N	N	Y	Y	Y	Y*	Y*	Y*	Y*
RAID	N	N	N	N	N	N	RAID1	RAID1	RAID0	RAID0
Available Storage (Gb)	500	1000	1500	250	500	750	1000	1500	2000	3000
Environmental	Operating temp: 0 to +55°C/+32 to +131°F; Storage temp: -20 to +70°C/-4 to +158°F									
Onboard Diagnostics	Disk, temperature, serial port, network									

* For field disk recovery only

Available Recording

These tables estimate the amount of recording available (number of days) with different cameras at full frame rate. Since IndigoVision transmitters only use required bandwidth, the actual recording capacity may be more or less than indicated. For more accurate estimates of recording capacity, please see the IndigoVision website or contact IndigoVision's Partner Support.

FD500 / RD500	Level of motion	1 camera	8 cameras	16 cameras
Fixed camera	Low	250	31	15
	Medium	200	25	12
	High	167	21	10
PTZ camera	Low	167	21	10
	Medium	143	18	9
	High	125	16	8

FD1000 / RA1000	Level of motion	1 camera	8 cameras	16 cameras
Fixed camera	Low	500	62	30
	Medium	400	50	24
	High	334	42	20
PTZ camera	Low	334	42	20
	Medium	286	36	18
	High	250	32	16

IndigoVision

IP Video & Alarm Management

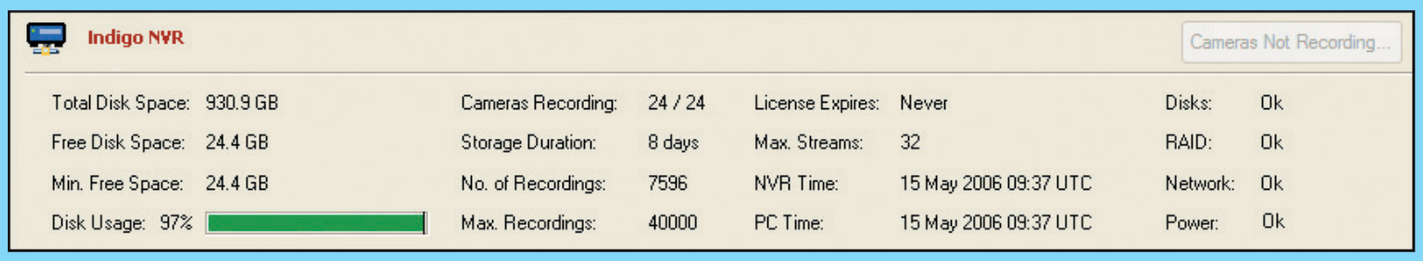
-All IndigoVision NVRs can be rack- or desk-mounted and require no additional hardware for operation. They can be located at any point on a network allowing recording and playback across multiple sites regardless of location. A system can deploy as many NVRs as required. Remote NVR management and configuration is performed using an intuitive web-based configuration interface which forms part of IndigoVision's Control Center software.

IndigoVision NVRs record synchronized video and audio. SIF, 2SIF and 4SIF resolutions are all supported, with no upgrades required. Recordings can be configured to start at specific times or in response to alarms. They can then run for a fixed duration or until a specified time; alternatively, they can also be started immediately by an operator. Once recorded, video cannot be altered, ensuring the audit trail is intact for evidential purposes. Recordings exported from Control Center are protected by a watermark and a digital signature.

NVRs automatically manage the available disk space using policies defined by the administrator. They can be accessed simultaneously locally or remotely by any number of users using Control Center, and have a built-in firewall which can be used to restrict access to authorized users. There are no special network or cabling requirements which means they can be run over existing company networks without degradation. Multiple streams can be used without a drop in frame rates - unlike analog multiplexors, the frame rate of each stream is independent; all streams can be full frame rate if required.

For NVRs RD250 / RD500 / RD750, the estimated gap between recordings when changing disks is 15 seconds. There is no limit to the number of disks that can be cycled through the NVR, and configuration is stored in flash memory so recording configuration is kept with the unit, not the disk.

NVR Diagnostics



IndigoVision Control Center software's diagnostic tools let you monitor the state of all NVRs in your site.

email sales@indigovision.com
visit www.indigovision.com
call +1 908 315 0288 USA
+1 905 842 4178 Canada
+44 131 475 7200 Rest of World

Doc ID:IV-085-2.0

IndigoVision