



IndigoVision
Complete IP Video Security Solutions

NVR-AS 4000 RANGE



Enterprise NVR-AS

Enterprise Recording. Intelligently Designed.

With double the performance of the nearest alternative, the IndigoVision Enterprise NVR-AS can record up to 200 cameras, has data throughput of 500 Mbps and up to 40TB usable storage. Guaranteed tamper free evidence, automatic failover and integrated backup. The Enterprise NVR-AS can also integrate other security systems for complete alarm management and has recording support for multiple camera manufacturers.

Key Features

COMPRESSION

H.264 **H.264** **JPEG 2000** **MJPEG** **MPEG-4**

GUARANTEED 25fps **AAC** **G.711**

OTHER

DNA **Firewall** **ONVIF** **Windows**

PHYSICAL

1U Height **2U Height** **19" Rack**

STORAGE

RAID5 **RAID6** **SATA**

Product Codes

100 Channel	Inc. Hardware ProSupport	Exc. Hardware ProSupport
Enterprise NVR-AS RA6TB Windows	980465	980460
Enterprise NVR-AS RA9TB Windows	980466	980461
Enterprise NVR-AS RA12TB Windows	980467	980462
200 Channel	Inc. Hardware ProSupport	Exc. Hardware ProSupport
Enterprise NVR-AS RA24TB Windows	980478	980473
Enterprise NVR-AS RA40TB Windows	980477	980472

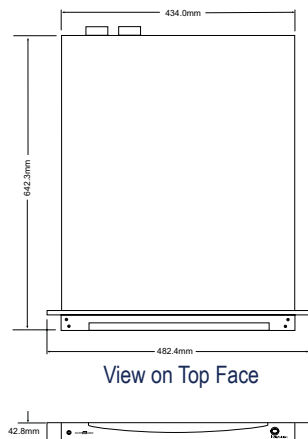
Enhanced Management Software Licenses

Number of Channels	1 Channel	Failover Channel
BX/Ultra Range, ONVIF or Camera Gateway™ license per device	314001	314071

For more information:

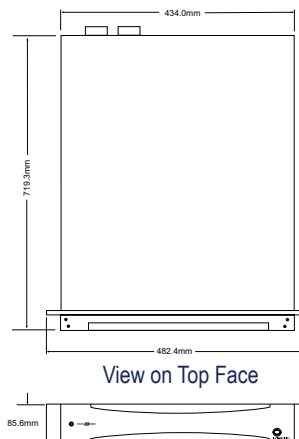


Dimensions - 1U Chassis



1U View on Front Face (with removable lockable fascia)

Dimensions - 2U Chassis



2U View on Front Face (with removable lockable fascia)

Specification

	100 Channel			200 Channel	
Form Factor	1U	1U	1U	2U	2U
Disk Space (TB)	6	9	12	24	40
Recording Hard Drive Bays	4 (Hot-swappable)			12 (Hot-swappable)	
Operating System Hard Drive Bays	On recording hard drives			Dual redundant separate mirrored drives	
RAID Controller	Hardware RAID Controller configured as RAID5			Hardware RAID Controller with Flash Backed Cache configured as RAID6	
Performance (Streams) ^A	100 Recording plus simultaneous playback of 25 streams			200 Recording plus simultaneous playback of 25 streams	
Performance (Throughput) ^A	128 Mbps in; 200 Mbps out; 328 Mbps total			500 Mbps in; 200 Mbps out; 700 Mbps total	
Network Interface	Dual Port Redundant 100/1000 BaseT RJ-45 Connections, TCP, UDP, ICMP, IGMP, SNMP, HTTP, NTP, Telnet, FTP			Quad Port Redundant 100/1000 BaseT RJ-45 Connections, TCP, UDP, ICMP, IGMP, SNMP, HTTP, NTP, Telnet, FTP	
Dimensions/Weight	607mm (d) x 444mm (w) x 42.8mm (h) and 19.3Kg			684mm (d) x 444mm (w) x 87.3mm (h) and 29.5Kg	
Electrical	350W, 100-240VAC, 50/60 Hz, Auto Switching, Single Hot Swappable PSU, Secondary Dual-Redundant Hot Swap PSU support			750W, 100-240VAC, 50/60 Hz, Auto Switching, Single Hot Swappable PSU, Secondary Dual-Redundant Hot Swap PSU support	
Processor	Intel Xeon E5			Intel Xeon E5	
Memory	6GB RAM (3 x 2GB)			8GB RAM (4 x 2GB)	

General Specification

Operating System	Windows Server® 2008 R2 for Embedded Systems Essentials
Video	Simultaneously record and playback full frame rate, full resolution video streams from any IndigoVision IP Camera or Encoder. Record and playback from other devices**
Audio*	Recording and playback of AAC and G.711 audio
Thumbnails*	Indexed recordings for rapid display of time-based, alarm-based or motion-based thumbnails
Alarms	Recording and logging of alarms and events
Bookmarks	Recording and logging of bookmarks in association with recordings
Integrated Data	Recording and logging of millions of data records from LPR, EPOS and other integrations
Analytics*	Recording and playback of motion analysis data from cameras
Redundancy and Failover	Full DNA support, sophisticated failover and mirroring strategies amongst multiple NVRs for increased resilience and redundancy
Automatic Storage Management	Policy based management options for automatic deletion or protection of old footage
Digital Watermarking	Digital signing at point of recording and at export
Recording Hard Drive	3.5in Nearline SATA
Network Security	Enhanced Windows Server 2008 Firewall, Network Access Protection (NAP)
Regulatory	EN 60950-1, IEC 60950-1, EN 62311, EN 55022, CISPR 22, EN 61000-3-2, EN 55024, IEC 61000-3-2 (Class D), EN 61000-3-3, IEC 61000-3-3, CISPR 24
Housing	Mild Steel Chassis and Fascia
Operating Temperature	10°C to 35°C
System Management	iDRAC7 Express
Supplied Accessories	Rack Mount Kit (brackets, static rails and mounting hardware), removable lockable fascia, PDU power cord and USB restore media
Onboard Diagnostics	Disk, Redundancy, Controllers, Enclosures, Fans, Power Supplies, Temperatures

* Features may vary based on capabilities of camera model.

** ONVIF or supported via IndigoVision Camera Gateway™

^A With or without Digital Watermarking enabled.

Accessories

Accessories	Product Code
Enterprise NVR-AS 100 Channel Redundant PSU	110014
Enterprise NVR-AS 200 Channel Redundant PSU	110015
Enterprise NVR-AS 3TB SATA Hard Disk Caddy & Disk	110303
Enterprise NVR-AS 4TB SATA Hard Disk Caddy & Disk	110304