IndigoVision®
a Motorola Solutions Company

Enterprise NVR-AS
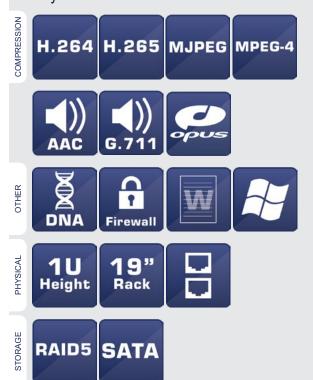
Enterprise Recording. Intelligently Designed.

With double the performance of the nearest alternative, the IndigoVision Enterprise NVR-AS can record up to 100 cameras, has data throughput of 300 Mbps and up to 36TB 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.265 | MJPEG | MPEG-4

AAC | G.711 | OPUS

OTHER

DNA | Firewall | W | Windows

PHYSICAL

1U Height | 19" Rack | [network port]

STORAGE

RAID5 | SATA

Product Codes

100 Channel	Product Code
Enterprise NVR-AS 12TB	980490
Enterprise NVR-AS 24TB	980491
Enterprise NVR-AS 36TB	980492

Specification

General Specification	100 Channel		
Form Factor	1U	1U	1U
Disk Space (TB)	12	24	36
Recording Hard Drive Bays	4 of 4		
Performance (Streams)	100 Recording plus simultaneous playback of 50 streams		
Performance (Throughput)	300 Mbps in; 100 Mbps out; 400 Mbps total^		
Processor	Intel Xeon E-2336 6C/12T		
Memory	16GB RAM DDR4		
Dimensions/Weight	563mm (d) x 482 mm (w) x 42.8mm (h) and 12.48Kg / 23.4in (d) x 17.09in (w) x 1.69in (h) and 26.9lbs		
Supported Operating Systems	Embedded Windows Server IoT 2022 Standard		
Automatic Storage Management	Policy based management options for automatic deletion or protection of old footage		
Recording Hard Drive	3.5in SATA		
Operating System and Configuration Hard Drive Bays	On recording hard drives		
RAID Controller	Hardware RAID Controller configured as RAID5 with Flash Backed Cache configured as RAID5		
Network Interface	Dual Port Redundant 10/100/1000 BaseT RJ-45 Connections		
Network Security	Windows Server Firewall, Network Access Protection (NAP)		
Security Features	Trusted Platform Module 2.0 FIPS UEFI Secure Boot (Windows) Hardware root of trust Disable USB ports		
Regulatory	EN 62368-1:2014 +A11:2017, EN IEC 62368-1:2020 +A11:2020, EN IEC 62311:2020, EN 62479:2010, EN 55032:2015 +A11:2020, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2017 +A11:2020, EN IEC 63000:2018		
Housing	Mild Steel Chassis and Fascia		
Electrical	450W (Platinum), 100-240VAC, 50/60 Hz, Auto Switching, Single PSU, Secondary Dual- Redundant Hot Swap PSU not supported		
Operating Temperature	10°C to 35°C (50°F to 95°F)		
System Management	iDRAC9 Express		
Supplied Accessories	Rack Mount Kit, Removable Lockable Fascia, PDU power cord and USB Restore Media		
Onboard Diagnostics	Fault alarm notification within Control Center for RAID degradation, fans, recording failure and redundant network faults. Additionally, embedded monitoring tools provide detailed fault diagnosis for RAID arrays, controllers, enclosures and temperature faults.		
IndigoVision Software Requirements	Control Center v17.2 or later		

Control Center Licensed Features The availability of the following NVR features varies based on the Control Center software product the NVR is connected to**	
Licensing	IndigoVision NVR appliances do not need a separate license. Video from any connected camera or encoder to the system can be recorded
Video	Simultaneously record and playback full frame rate, full resolution video streams from any connected IndigoVision IP Camera or Encoder. Record and playback from other devices including ONVIF Profile S conformant cameras and encoders as well as devices integrated via Camera Gateway™
Audio	Recording and playback of AAC, G.711 and Opus 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
Digital Watermarking	Digital signing at point of recording and at export
Edge Storage Retrieval	SD card retrieval from ONVIF Profile G devices*
NVR Footage Retrival	Footage retrieval from IndigoVision NVRs

Accessories

Accessories	Product Code
Enterprise NVR-AS 4000 G4 4TB Hard Disk Caddy & Disk	130404
Enterprise NVR-AS 4000 G4 8TB Hard Disk Caddy & Disk	130408
Enterprise NVR-AS 4000 G4 12TB Hard Disk Caddy & Disk	130412
Sliding rack rails with cable management arm	110300

* Features may vary based on capabilities of camera model.
** Please check the Control Center datasheets for more information.