Windows NVR-AS Software

Your route to scalable recording

The IndigoVision Windows Network Video Recorder is a software NVR application that supports internal disks, internal RAID array, SCSI RAID array, iSCSI and Fibre Channel SAN and NAS. The IndigoVision Windows Network Video Recorder can also integrate with other security systems for complete alarm management and has recording support for multiple camera manufacturers.

Key Features

COMPRESSION

| H.265 | H.264 | JPEG 2000 | MJPEG | MPEG-4 |

| AAC | G.711 | GUARANTEED 25fps |

OTHER

| DNA | W | Windows |

Product Codes

Windows NVR Licenses	Product Code
IndigoUltra® - 3rd Party Windows NVR-AS Single Connection License	340900-U
IndigoPro® - 3rd Party Windows NVR-AS Single Connection License	340900-P
IndigoPro® to IndigoUltra® - 3rd Party Windows NVR-AS Upgrade Connection License	345900-PU
IndigoLite® to IndigoUltra® - 3rd Party Windows NVR-AS Upgrade Connection License	345900-LU
IndigoLite® to IndigoPro® - 3rd Party Windows NVR-AS Upgrade Connection License	345900-LP
IndigoUltra® - Migration w active SUP - 3rd Party Windows NVR-AS Single Device Connection	341903-U
IndigoPro® - Migration w active SUP - 3rd Party Windows NVR-AS Single Device Connection	341903-P
IndigoLite® - Migration w active SUP - 3rd Party Windows NVR-AS Single Device Connection	341903-L
Windows NVR Demo Licenses	**Product Code**
IndigoUltra® - Demo - 3rd Party Windows NVR-AS - Single Connection License	346903-U
IndigoPro® - Demo - 3rd Party Windows NVR-AS - Single Connection License	346903-P

The Windows NVR-AS software is included on the Control Center management software CD.

Specification

	Control Center		
General Specification	**IndigoUltra®**	**IndigoPro®**	**IndigoLite®**
Maximum Channels	200 per instance	80	40
Included Device Connection Licenses	0		
Performance (Streams)	See Performance Guide		
Supported Operating Systems	Windows Server 2019®, Windows Server 2016®, Windows Server 2012 R2®, Windows Server 2012®, Windows 11®, Windows 10® 64-bit, Windows 8.1® 64-bit		
Automatic Storage Management	Policy based management options for automatic deletion or protection of old footage		
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	To connect third party hardware to an IndigoVision IndigoPro® or IndigoUltra® system a software license is required. One software license connects a single NVR instance		
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™ or Video Stream Manager (VSM)		
Audio	Recording and playback of AAC, G.711 and Opus audio*		
Thumbnails	Indexed recordings for rapid display of time-based, alarm-based, bookmark-based or motion-based thumbnails		
Alarms	Recording and logging of alarms and events, Alarm Escalation, Alarm Schedules, Actions on Events, Zones, Event Inputs		
Bookmarks	Recording and logging of bookmarks in association with recordings		
Integrated Data	Recording and logging of millions of data records from LPR, EPOS, facial recognition and other integrations		
Third Party Inputs	Through IndigoVision Integration Modules, IndigoVision Binding Kit or Digital Input		
Redundancy and Failover	Full DNA support, sophisticated failover and mirroring strategies amongst multiple NVRs for increased resilience and redundancy		
Automatic NVR Switching	Automatically switch between multiple NVRs to ensure continuous playback and export of video, even when there is a gap in recording on the primary NVR		
Digital Watermarking	Digital signing at point of recording and at export		
Edge Storage Retrieval	SD card retrieval from ONVIF Profile G devices*		
NVR Footage Retrieval	Footage retrieval from IndigoVision NVRs		

* Features may vary based on capabilities of camera model. ** Please check the Control Center datasheets for more information. ^ Performance may vary based on the capabilities of the NVR-AS PC.

NVR-AS PC Hardware Requirements

The NVR-AS PC is recommended to be server class with at least a quad-core processor, a minimum of 8GB of system memory and 128GB of local system disk space running Windows Server® 2016. Enabling digital signatures approximately doubles CPU usage. For reliable system operation, the total system CPU usage should be less than 70%. This means that digital signatures should not be enabled if the NVR- AS averages more than 35% CPU in normal operating conditions.