



IndigoVision

NVR-AS 4000 RANGE



Compact Network Video Recorder

Small Size. Huge Performance.

With recording and simultaneous playback for up to 20 cameras, the IndigoVision Compact NVR-AS 4000 is ideal for smaller installations or for installations designed with distributed storage. With a Hard Disk Drive (HDD) that's optimised for 24/7 video recording, the Compact NVR-AS 4000 has recording support for multiple camera manufacturers.

Key Features

COMPRESSION

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

- GUARANTEED 30fps
- AAC
- G.711

OTHER

- DNA
- Firewall
- W
- Linux

PHYSICAL

- 1U Height
- Front Panel

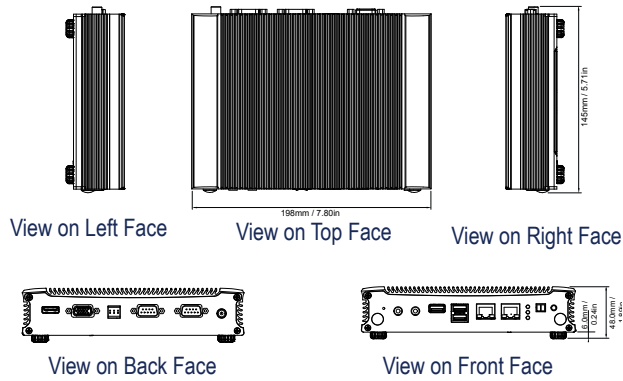
STORAGE

- SATA

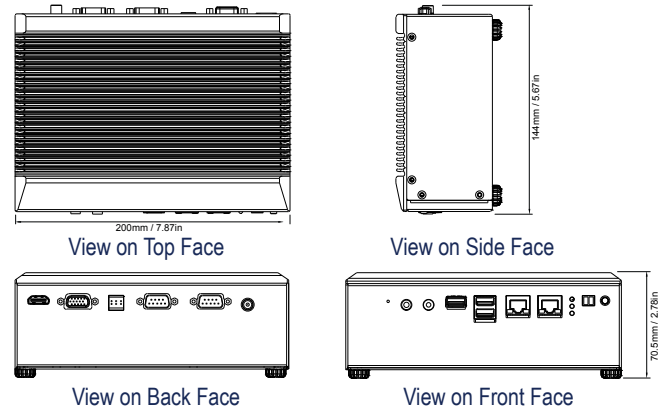
Product Codes

20 Channel	
Compact NVR-AS 1TB (Slimline)	980411
Compact NVR-AS 3TB	980423
Compact NVR-AS 4TB	980424

Dimensions - 1TB (Slimline)



Dimensions - 3TB & 4TB



Specification

General Specification	1TB (Slimline)	3TB	4TB
Disk Space (GB)	1000	3000	4000
Recording Hard Drive	1 x 2.5" Western Digital AV series optimised for 24x7 video storage. 3-year warranty	3.5" SATA Seagate Video HDD optimised for 24x7 video storage. 3-year warranty	
Dimensions/Weight	145mm (d) x 198mm (w) x 48.0mm (h) and 1Kg / 5.71in (d) x 7.80in (w) x 1.89in (h) and 2.204lb	144mm (d) x 200mm (w) x 70.5mm (h) and 1.56Kg / 5.67in (d) x 7.87in (w) x 2.77in (h) and 2.32lb	
Operating Temperature	0°C to 50°C (32°F to 122°F)		
Operating System	Embedded Linux		
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 hundreds of thousands 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		
Performance (Streams)	20 Recording plus simultaneous playback of 20 streams [^]		
Performance (Throughput)	40 Mbps in; 40 Mbps out; 80 Mbps total [^]		
Network Interface	Dual redundant 100/1000 BaseT RJ-45, TCP, UDP, ICMP, IGMP, HTTP, NTP, SSH, SFTP		
Network Security	SSH, SFTP, Embedded Linux Firewall		
Regulatory	EN55022 (2010) ITE – Class A, EN55024 (2010), 47CFR47: 2011 Part 15 subpart B -Class A, EN60068-2-29:1993 (15G), EN60068-2-64:1995 (Random) EN60068-2-96:1996 (Sine), EN60068-2-30, EN60068-2-1 at 0°C, EN60068-2-2 at +50°C, EN60068-2-2 @ 60°C for 1TB Extended Temperature)		
Housing	Aluminium steel enclosure (fanless)		
Electrical	Operating Voltage: Input 100-240V ~ 47-63Hz 1A; Power consumption: 19W operational, 24W (max). 12V DC power supply included		
Processor	Intel Celeron N2930 2GHz		
Supplied Accessories	External PSU		
Onboard Diagnostics	Disk, Network, License, Recording Failure Monitoring		
IndigoVision Software Requirements	Control Center v12.0 or later		
Mounting Options	Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit		
ONVIF	Record and playback ONVIF Profile S Conformant cameras and encoders		

* Features may vary based on capabilities of camera model. ** ONVIF or supported via IndigoVision Camera Gateway™. ^ With or without Digital Watermarking enabled.

Examples of Recording Duration in Days

Motion Level	5 Cameras	10 Cameras	20 Cameras
Occasional	160 days	80 days	40 days
Intermittent	36 days	18 days	9 days
Frequent	16 days	8 days	4 days

This table estimates the number of days recording on a 1TB model with different numbers of cameras assuming full frame rate, 4SIF, H.264 video at a maximum bitrate of 2Mbps. As IndigoVision transmitters only use required bandwidth, the actual recording capacity may be more or less than shown. For more accurate estimates, please see the IndigoVision website or contact IndigoVision's Partner Support.

Accessories

Accessories	Product Code
Wall Mount Bracket	110371
19" Rack Mount Bracket	110372
VESA Mount Bracket	110373
DIN Mount Accessory Kit	110374