



# 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**



### **Product Codes**

20 Channel	Product Code
Compact NVR-AS 1TB (Slimline)	980411
Compact NVR-AS 4TB	980424
Compact NVR-AS 12TB	980426













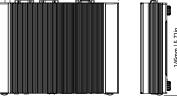


COMPRESSION

#### Dimensions: 1TB (Slimline)







View on Left Face

View on Back Face

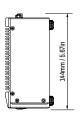




View on Front Face

#### Dimensions: 4TB/12TB





View on Side Face

View on Top Face

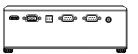
Recording and logging of millions of data records from LPR, EPOS and other integrations

Recording and playback of motion analysis data from cameras\*

Full DNA support, sophisticated failover and mirroring strategies amongst multiple NVRs for increased resilience and redundancy

Digital signing at point of recording and at export SD card retrieval from ONVIF Profile G devices\*

Footage retrieval from IndigoVision NVRs





View on Back Face View on Front Face

### Specification

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	General Specification	1TB (Slimline)	4TB	12TB	
Performance (Throughput) Processor Intel Celeron N2930 2CHz Dimensions/Weight 145mm (d) x 198mm (w) x 48.0mm (h) and 1Kg / 5.71in (d) x 7.80in (w) x 1.89in   144mm (d) x 200mm (w) x 70.5mm (h) and 1.56Kg / 5.67in (d) x 7.87in (w) 2.20th Embedded Linux Automatic Storage Management Policy based management options for automatic deletion or protection of old footage Recording Hard Drive 1 x 2.5in Western Digital AV series optimised for 24x7 video storage Network Interface Publicy based management options for automatic deletion or protection of old footage Network Security Security Security Sethic Medical Company of the Security Regulatory EN56022 (2010) ITE − Class A, EN55024 (2010), 47CFR47: 2011 Part 15 subpart B − Class A, EN560088-2.9:1993 (15G), EN60068-2.94 it-90° C (EN60068-2.9:1993 (15G), EN60068-2.94 it-90°	Disk Space (TB)	1	4	12	
Processor Dimensions/Weight  145mm (d) x 198mm (w) x 48.0mm (h) and 1Kg / 5.71in (d) x 7.80in (w) x 1.89in   144mm (d) x 200mm (w) x 70.5mm (h) and 1.56Kg / 5.67in (d) x 7.87in (w) 2.77in (h) and 2.32ib  Supported Operating Systems Automatic Storage Management Recording Hard Drive Recording Hard Drive Petrovirk Interface Dual redundant 100/1000 Baset RJ-45, TCP, LUPP, LCMP, LGMP, HTTP, NTP, SSH, SFTP Network Interface Dual redundant 100/1000 Baset RJ-45, TCP, LUPP, LCMP, LGMP, HTTP, NTP, SSH, SFTP Network Security SSH, SFTP, Embedded Linux Firewall Regulatory EN55022 (2010) ITE – Class A, EN55024 (2010), ATCFR47: 2011 Part 15 subpart B - Class A, EN60068-2-96:1995 (Random) EN60068-2-96:1996 (Sine), EN60068-2-30, EN60068-2-30, EN60068-2-3 at +50°C (EN60068-2-2 @ 60°C for 1TB Extended Temperature) Housing Electrical Operating Voltage: Input 100-240V – 47-63Hz 1A; Power consumption: 21W operational, 24W (max). 12V DC power supply included Operating Temperature Unclined Accessories Mounting Options Onboard Diagonostics Disk, Network, License, Recording Failure Monitoring IndigoVision Software Requirements 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 camera or encoder to the system can be recorded Video Recording and logging of alams and events  Alarms Recording and logging of alams and events	Performance (Streams)	20 Recording plus simultan	eous playback of 20 streams		
Dimensions/Weight  145mm (d) x 198mm (w) x 48.0mm (h) and 1Kg / 5.71in (d) x 7.80in (w) x 1.89in   144mm (d) x 200mm (w) x 70.5mm (h) and 1.56Kg / 5.67in (d) x 7.87in (w) 2.77in (h) and 2.32ib  Supported Operating Systems  Automatic Storage Management  Recording Hard Drive  1 x 2.5in Western Digital AV series optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage   1x 3.5in	Performance (Throughput)	40 Mbps in; 40 Mbp	os out; 80 Mbps total		
Supported Operating Systems Automatic Storage Management Policy based management options for automatic deletion or protection of old footage Recording Hard Drive 1 x 2.5in Western Digital AV series optimised for 24x7 video storage Network Interface Dual redundant 100/1000 BaseT RJ-45, TCP, UDP, ICMP, IGMP, HTTP, NTP, SSH, SFTP Network Security SSH, SFTP, Embedded Linux Friewall Regulatory EN55022 (2010) ITE – Class A, EN55024 (2010), 4TCFRAT, STP, UDP, ICMP, IGMP, HTTP, NTP, SSH, SFTP Network Security Regulatory EN55022 (2010) ITE – Class A, EN55024 (2010), 4TCFRAT, STP, PSH, STP, Embedded Linux Friewall Regulatory EN50068-2-96:1996 (Sine), EN60068-2-30, EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (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 at +50°C (EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-30, EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-96:1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C (EN60068-2-2 at +50°C (EN60068-2-2 at +50°C) EN60068-2-1996 (Sine), EN60068-2-1 at 0°C, EN60068-2-2 at +50°C (EN60068-2-2 at +50°C (EN60068-2-	Processor	Intel Celeron	N2930 2GHz		
Automatic Storage Management Recording Hard Drive 1 x 2.5in Western Digital AV series optimised for 24x7 video storage 1 x 2.5in Western Digital AV series optimised for 24x7 video storage 1 x 3.5in SATA Seagate SkyHawk optimised for 24x7 video storage Network Interface Dual redundant 100/1000 Baser RJ45, T.CP, 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, EN60068-2-93:1993 (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 Temperature Operating Temperature Operating Temperature Under Compariting Temperature Under Com	Dimensions/Weight				
Recording Hard Drive  1 x 2.5in Western Digital AV series optimised for 24x7 video storage  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), EN60068-2-9:1993 (15G), EN60068-2-9:19	Supported Operating Systems	Embeded Linux			
Network Interface  Network Security  Regulatory  EN55022 (2010) ITE – Class A, EN55024 (2010), 47CFR47: 2011 Part 15 subpart B - Class A, EN60068-2-91:1993 (15G), EN60068-2-64:1995 (Random)	Automatic Storage Management	Policy based management options for automatic deletion or protection of old footage			
Network Security  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)  Aluminium steel enclosure (fanlosos)  Alumin	Recording Hard Drive	1 x 2.5in Western Digital AV series optimised for 24x7 video storage	1x 3.5in SATA Seagate SkyHawk	optimised for 24x7 video storage	
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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: 21W operational, 24W (max). 12V DC power supply included  Operating Temperature 0°C to 50°C (32°F to 122°F)  Supplied Accessories External PSU  Mounting Options Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit  Onboard Diagonostics Disk, Network, License, Recording Failure Monitoring  IndigoVision Software Requirements Control Center v12.0 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 amera 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 full frame rate, full resolution video streams from any connected undigoVision IP Camera or Encoder. Record and playback full frame rate, full resolution video streams and encoders as well as devices integrated via Camera Gateway Thumbnails  Alarms Recording and logging of alarms and events	Network Security	SSH, SFTP, Embedded Linux Firewall			
Electrical Operating Voltage: Input 100-240V ~ 47-63Hz 1A; Power consumption: 21W operational, 24W (max). 12V DC power supply included Operating Temperature 0°C to 50°C (32°F to 122°F)  Supplied Accessories External PSU  Mounting Options Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit  Onboard Diagonostics Disk, Network, License, Recording Failure Monitoring IndigoVision Software Requirements Control Center v12.0 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  Video Simultaneously record and playback full frame rate, full resolution video streams from any connected IndigoVision IP Camera or Encoder. Record and playback for 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	Regulatory				
Operating Temperature Supplied Accessories External PSU  Mounting Options Mounting Options Mounting Options Onboard Diagonostics IndigoVision Software Requirements  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 full frame rate, full resolution video streams 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 Recording and logging of alarms and events	Housing	Aluminium steel enclosure (fanless)			
Supplied Accessories  Mounting Options  Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit  Onboard Diagonostics  IndigoVision Software Requirements  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 frother 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  Recording and logging of alarms and events	Electrical	Operating Voltage: Input 100-240V ~ 47-63Hz 1A; Power consumption: 21W operational, 24W (max). 12V DC power supply included			
Mounting Options  Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit  Onboard Diagonostics IndigoVision Software Requirements  Control Center v12.0 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 frother 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  Recording and logging of alarms and events	Operating Temperature	0°C to 50°C (32°F to 122°F)			
Onboard Diagonostics IndigoVision Software Requirements Control Center v12.0 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 the 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 Recording and logging of alarms and events	Supplied Accessories	External PSU			
IndigoVision Software Requirements  Control Center v12.0 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 their 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  Recording and logging of alarms and events	Mounting Options	Wall Mount, Rack Mount, VESA Mount, DIN Mount Accessory Kit			
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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	Licensing	IndigoVision NVR appliances do not need a separate license. Video from any connected camera or encoder to the system can be recorded			
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Alarms Recording and logging of alarms and events	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			

#### **Accessories**

**Integrated Data** 

Redundancy and Failover

**Digital Watermarking** 

**Edge Storage Retrieval** 

**NVR Footage Retrival** 

Analytics

7.10000001100				
Accessories	Product Code			
Wall Mount Bracket	110371			
19" Rack Mount Bracket	110372			
VESA Mount Bracket	110373			
DIN Mount Accessory Kit	110374			

<sup>\*</sup> Features may vary based on capabilities of camera model. \*\* Please check the Control Center datasheets for more information.
\*\*\* 1TB and 12TB Compact NVR will not support firmware older than v18.0.10. 4TB Compact NVR will not support firmware older than v18.2.10