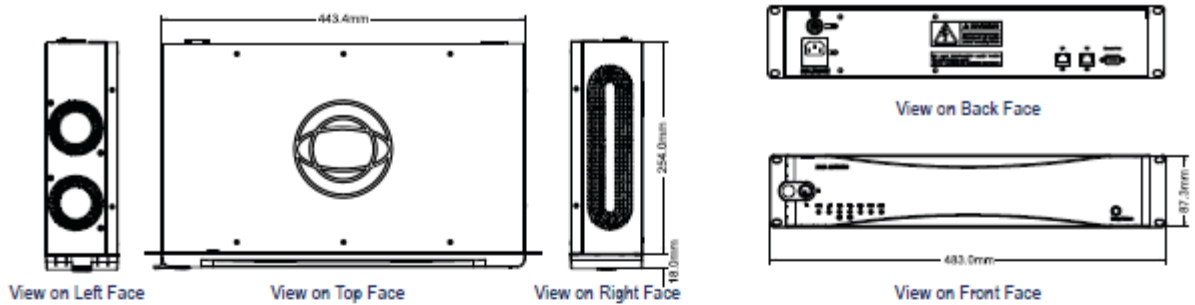


Dimensions



Specification

	RA 3000 RAID5	RA 3000 RAID5	RA 3000 RAID5
Disk Space (GB)**	3000	6000	9000
General Specification (RAID5)			
Recording Hard Drive Bays	4 (Hot-swappable)		
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		
Recording Hard Drive	3.5in SATA Seagate SV35 Series optimized for 24x7 video storage. 3-year warranty		
RAID Controller	Hardware RAID Controller configured as RAID5		
Performance (Streams)*	64 Recording Streams when recording 9000 and 11000 Range Cameras. 32 Recording Streams when recording BX and Ultra Range Cameras or third party ONVIF cameras		
Performance (Throughput)*	40 Mbps in; 40 Mbps out; 80 Mbps total		
Network Interface	Dual redundant 100/1000 BaseT RJ-45 Connections, TCP, UDP, ICMP, IGMP, SNMP, HTTP, NTP, Telnet, FTP		
Network Security	Embedded Linux firewall		
Dimensions/Weight	272mm (d) x 483mm (w) x 87mm (h) and 8.2Kg		
Regulatory	EN 55022 ITE emission standard – Class A, EN61000-3-2 Mains Harmonics – Class A, EN61000-3-3 Voltage Fluctuation, EN55024 ITE immunity standard, UL 60950-1, Information Technology Equipment - Safety Part 1: General Requirements CFR47: 2002 Part 15 Sub Part B (US federal code of regulations), Information Technology Equipment - Safety - Part 1: General Requirements CSA C22.2 No. 60950 - 1 - 07, EN 60068-2-30 Humidity up to 95% Non Condensing		
Housing	Mild Steel Chassis – Plastic (ABS) Fascia		
Electrical	Operating Voltage: Input 100-240V ~ 47-63Hz 1A. Connector for redundant external power supply. Power consumption: 53W (max)		
Operating Temperature	0°C to 45°C		
Processor	Intel IOP341 1.2GHz		
Supplied Accessories	Rack Mount Kit (brackets), removable lockable fascia and PSU		
Onboard Diagnostics	Disk, CPU, Motherboard Temperatures, Redundant Power and Network Status, Cooling Fan Status		

* Features may vary based on capabilities of camera model. ** ONVIF or supported via IndigoVision Camera Gateway™.

* 32 Recording Streams and 32 Mbps Performance Throughput when Digital watermarking is enabled. ** Additional storage options available.

Examples of Recording Duration in Days

Motion Level	20 Cameras	40 Cameras	64 Cameras
Occasional	170 days	85 days	50 days
Intermittent	34 days	17 days	10 days
Frequent	18 days	9 days	5 days

This table estimates the number of days recording on an RA4000 model (4TB storage) with different numbers of cameras assuming full frame rate, 45FPS, H.264 video at a maximum bitrate of 2Mbps. As IndigoVision Encoders only use required bandwidth, the actual recording capacity may be more or less than shown.