Preinstalled VMS with server

IR-1100 NDAA Compliance
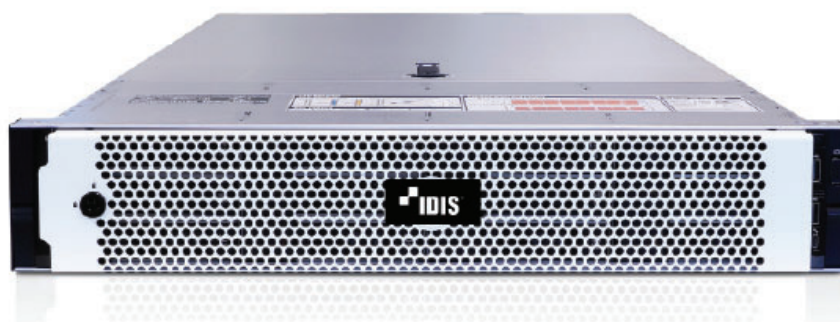

· Pre-installed with IDIS Solution Suite VMS
· Tested and validated with IDIS Solution Suite up to 256 Full HD H.264/H.265 IP cameras
· Supports up to 256 Full HD cameras in real-time for enterprise-level surveillance systems
· 1,024Mbps (128MBps) maximum recording bandwidth per server
  * Estimated performance based on NLSAS HDD measurements
· Redundancy of power for mission-critical reliability
· Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR,
  DirectIP NVR, and encoders
· Equipped with RAID 5, RAID 6 recording, Hot swappable
· 2U rack mount chassis with sliding rails and cable management arm for ease of serviceability
· Supports H.264, H.265 compression, and Intelligent Codec
· Supports Onvif Profile S, Axis, Panasonic, etc.
· NDAA Compliance

SPECIFICATIONS

IR-1100		
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
		Version 2.6.0 or Higher
	Network Connection	4 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 1024Mbps (128MBps , NLSAS HDD)
	Number of Cameras	Up to 256
	Recording Storage	8 Bay
	Hard Disk Drive Configuration	Up to 8 x Large Form Factor NLSAS Hard Disk Drives, Hot-swappable, RAID 5, RAID 6
	Operating System	Microsoft® Embedded Windows Server 2016
	Processor	Intel® Xeon® Processor silver 4210 2.2G, 10C/20T
	Memory	8GB RAM (1 x 8GB DDR4-2666MT/s RDIMM)
	Video Outputs	1 VGA
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x D x H)	482.0 mm x 717.6 mm x 86.8 mm (18.98" x 27.71" x 3.41")
	Weight	34.5 kg (76 lbs)
ELECTRICAL	Power Input	100-240V AC, 50/60Hz
	Power Supply	Redundant, Hot Swappable
	Power Capacity	750W
ENVIRONMENTAL	Operating Temperature	10° to 35°C (50° to 95°F)
	Storage Temperature	-40° to 65°C (-40° to 149°F)
	Operating Humidity	10% to 80% Relative Humidity
	Non-operating Humidity	5% to 95% Relative Humidity, 38.7°C (101.7°F) Maximum Wet Bulb Temperature, Non-condensing
	Operating Vibration	0.26 Grms at 5 Hz to 350 Hz
	Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 min
	Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11ms
	Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
	Operating Altitude	3048m (10,000ft)
	Storage Altitude	12,000 m (39,370 ft)
ACCESSORIES SUPPLIED	Rack Rail System	Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooled mounting in threaded hole 4-post racks
	Cable Management Arm	Yes
	Rack Bezel	1, Front
	Power Cord	1
CERTIFICATIONS	Emissions Classification (EMC)	FCC Rating Class A
		CISPR 22, EN55022, EN55024, FCC CFR 47, Pt 15, ICES-003, CvNS14336-1, CNS13438, GB4943, GB9254, EN 61000-3-2, EN61000-3-3
	Directives	RoHS, Reach(SVHC), WEEE

ORDERING INFORMATION

Part Number	Description
IR-1100-16TB WS12 DP	IDIS Enterprise NVR, 16TB, RAID5 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert
IR-1100-32TB WS12 DP	IDIS Enterprise NVR, 32TB, RAID6 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert
IR-1100-48TB WS12 DP	IDIS Enterprise NVR, 48TB, RAID6 / Redundant Power Supply with Microsoft Windows Server 2012 and IDIS Solution Suite Expert

DIMENSIONS