IR-1100

IDIS Enterprise NVR/ NDAA Compliant

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

SPECIFICATIONS

SYSTEM	
IDIS Solution Suite	Compatible with Expert and Federation
Network Connection	4 GbE RJ-45 Ports (1000Base-T)
Recording Data Rate	Up to 1024Mbps (128MBps)
Number of Cameras	Up to 256
Recording Storage	8 Bay
Hard Disk Drive Configuration	Up to 8 x Large Form Factor Near-line SATA 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)	482.0mm x 717.6mm x 86.8mm (18.98" x 27.71" x 3.41")
Weight	34.5kg (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	FCC Rating Class A
(EMC)	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

PRODUCT IMAGE



DIMENSIONS

