IDIS
Enterprise NVR
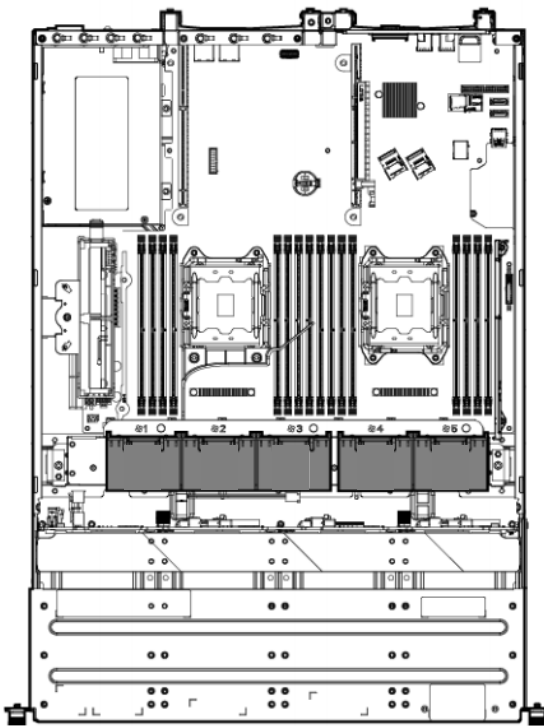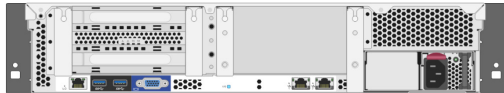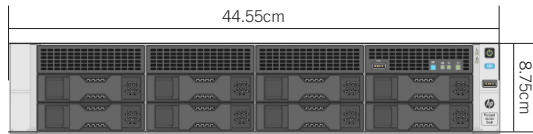

IR-1000

The IDIS Enterprise network video recorder (NVR) is designed with a perfect balance of performance, expandability, reliability, and manageability to provide an industry-leading, world-class security solution. It is built using best-in-class components that provide flexibility and scalability that are needed to design a video system suited for a variety of end-user applications.
Pre-installed IDIS Solution Suite video management software (VMS) provides greater control of situations through the monitoring of multiple cameras and enhanced operational flexibility by centralized management, together with cost effective recording and integration capabilities.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 256 Full HD H.264 / 265 IP cameras
- Supports up to 256 Full HD cameras in real-time for enterprise-level surveillance systems
- 1,536Mbps (192MBps) maximum recording bandwidth per server
- 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 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.

DIMENSIONS

44.55cm

8.75cm

SPECIFICATIONS

IR-1000		
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 1536Mbps (192MBps)
	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
	Operating System	Microsoft® Windows Embedded Standard 8 / Microsoft® Windows Server 2012 R2 (Optional)
	Processor	Intel® Xeon® Processor E5-2620v4 : 2.1GHz / 8-core / DDR4 2133
	Memory	8GB RAM (1 x 8GB DDR4-2133MHz RDIMMs)
	Video Outputs	1 VGA
	Optical Drive	1 DVD-RW (Optional, External)
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x D x H)	445.4mm x 607mm x 87.5mm (17.54in x 23.9in x 3.44in)
	Weight	Maximum 42.31lb (19.19kg)
ELECTRICAL	Power Input	100-240V AC
	Power Supply	Single / Redundant, Hot Swappable (Optional)
	Power Consumption	900W
ENVIRONMENTAL	Operating Temperature	10° to 35°C (50° to 95°F)
	Storage Temperature	-30° to 60°C (-22° to 140°F)
	Operating Humidity	8% to 90% Relative Humidity
	Non-operating Humidity	5% to 95% Relative Humidity, 38.7°C (101.7°F) Maximum Wet Bulb Temperature, Non-condensing
	Operating Vibration	Random Vibration at 0.000075 G²/Hz, 10Hz to 300Hz, (0.15 G's Nominal)
	Storage Vibration	Random Vibration at 0.0005 G²/Hz, 10Hz to 500Hz, (0.5 G's Nominal)
	Operating Shock	2 Gs (The Values Represent a Peak Input Acceleration During 11ms Half-sine Shock Pulse)
	Storage Shock	15 Gs (The Values Represent a Peak Input Acceleration During 11ms Half-sine Shock Pulse)
	Operating Altitude	3048m (10,000ft)
	Storage Altitude	9144m (30,000ft)
SUPPLIED	Rack Mount Kit	Brackets, Rails, Hardware
ACCESSORIES SUPPLIED	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-
	Directives	RoHS, Reach (SVHC), WEEE

ORDERING INFORMATION

Part Number	Description
IR-1000-4TB W8E SP	IDIS Enterprise NVR, 4TB / Single Power Supply with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-16TB W8E SP	IDIS Enterprise NVR, 16TB, RAID5 / Single Power Supply with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-32TB W8E SP	IDIS Enterprise NVR, 32TB, RAID5 / Single Power Supply with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-48TB W8E SP	IDIS Enterprise NVR, 48TB, RAID5 / Single Power Supply with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-16TB WS12 SP	IDIS Enterprise NVR, 16TB, RAID5 / Single Power Supply with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-32TB WS12 SP	IDIS Enterprise NVR, 32TB, RAID5 / Single Power Supply with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-48TB WS12 SP	IDIS Enterprise NVR, 48TB, RAID5 / Single Power Supply with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-16TB W8E DP	IDIS Enterprise NVR, 16TB, RAID5 / Redundant Power with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-32TB W8E DP	IDIS Enterprise NVR, 32TB, RAID5 / Redundant Power with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-48TB W8E DP	IDIS Enterprise NVR, 48TB, RAID5 / Redundant Power with Microsoft Windows Embedded Standard 8 and IDIS Solution Suite Expert
IR-1000-16TB WS12 DP	IDIS Enterprise NVR, 16TB, RAID5 / Redundant Power with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-32TB WS12 DP	IDIS Enterprise NVR, 32TB, RAID5 / Redundant Power with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-48TB WS12 DP	IDIS Enterprise NVR, 48TB, RAID5 / Redundant Power with Microsoft Windows Server 2012 R2 and IDIS Solution Suite Expert
IR-1000-3Y WTY NBD	3 Year Next Day Full Care Service
IR-1000-3Y WTY 24HR	3 Year 24/7 Full Care Service

One Solution. One Company.