ENTERPRISE NETWORK VIDEO RECORDERS

Preinstalled VMS with IDIS Workstation

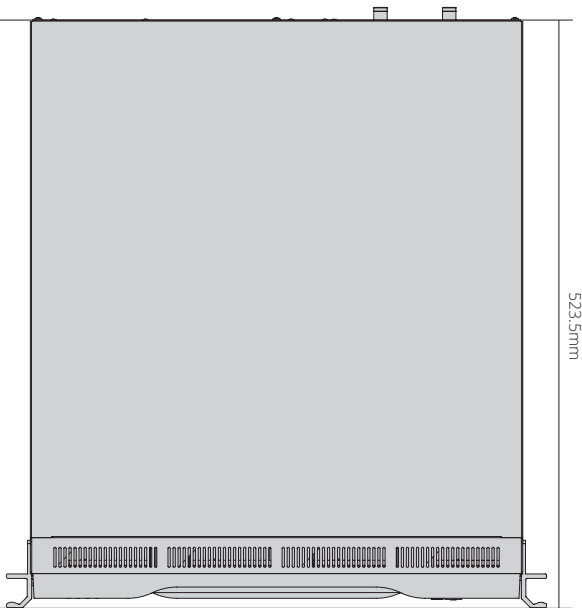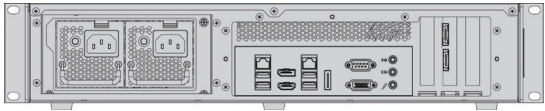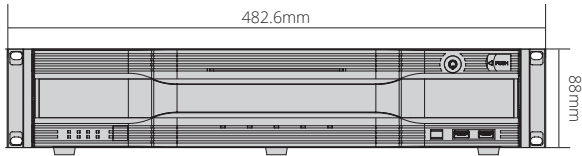**IR-300A** | NDAA Compliant | IDIS SOLUTION SUITE ®

The IDIS Enterprise NVR, IR-300A, allows users to establish a reliable, high performance surveillance system in minutes while providing exceptional manageability. The IR-300A operating system (OS), powered by SSD and IDIS Solution Suite VMS, is perfect for large-scale systems and ensures important data retention through RAID and Redundant Power.
IR-300A is ideal for building a powerful and economical surveillance system to meet enterprise level needs.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 64 Full HD H.264/265 IP cameras
- Storage configuration: 8 SATA + 3 eSATA Ports
- Supports up to 64 Full HD cameras in real-time for enterprise-level surveillance systems
- 400Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components : IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

DIMENSIONS

482.6mm

88mm

523.5mm

SPECIFICATIONS

		IR-300A
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
		Version 2.8.2 or Higher
	Network Connection	2 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 400Mbps
	Number of Cameras	64Ch Recommended
	Hard Disk Drive Configuration	8 SATA + 3 eSATA RAID 1, 5, 10 Supported
	SSD	240G SSD for Operating System (M.2 type)
	Operating System Available	Microsoft® Windows Embedded Standard 8, Windows Server 2016 or Windows 10 Professional 64 bit
	Processor	Intel® I7-7700, 3.6GHz
	Memory	DDR4 PC-17000, 16GB, upgradable up to 64 GB RAM
	Video Outputs	1 HDMI, 1 DP, 1 VGA
	USB	6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)
	RS-232	1 (DB9)
	Optical Drive	-
MECHANICAL	Form Factor	2U Rack Mount Chassis
	Dimensions (W x D x H)	482.6 mm x 88 mm x 523.5 mm (19" x 3.5" x 20.6")
	Weight	12.6 kg (27.8 lbs)
ELECTRICAL	Power Input	AC 100-240V~, 50/60Hz, 6.0 - 3.0A (Redundant)
	Power Supply	Dual Power (Redundant SMPS)
	Power Consumption	190W
ENVIRONMENTAL	Operating Temperature	0° to 40°C (32° to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	2
GENERAL	Certifications	FCC, CE, CB, UL, PSE

One Solution. One Company.