

Instek Digital™ Archive Servers are designed to extend and guard the data storage of a NVR. The video data within a recorder can be backed up remotely through the network on an archive server. When the archived server is full, the system provides easy hard drive swapping and recycling. If a project requires video to be stored for a longer period of time, Instek Digital™ Archive Servers provide the best cost effective solution with flexible and scalable configuration.

With Instek Digital™ Archive Servers a project can also be configured with high availability by mirroring the video data to an archive server. If the recorder system fails, the video data previously recorded is available from the archive server for instant retrieval and playback.

Through the network, Instek Digital™ Archive Servers provide the flexibility to archive the video data concurrently from multiple cameras and recorders. To extend storage capacity- Instek Digital™ Archive Servers can be connected to SAS DAS, IP SAN and NAS supporting iSCSI storage devices.

No matter how long the archive media is preserved, Instek Digital™ Archive Servers can replay the historic video with instant access and quick search.

Instek Digital™ Archive Servers prevent internal sabotage of recorded video by backing up the data to a secure vault through the network. Instek Digital™ Archive Servers have raised the bar by providing the highest availability of video data in the industry.



## Key Features

- Remote backup for Instek Digital NVR
- Easy archive media management and recycling
- Video data mirroring for high availability
- Available in 4U, 3U and 2U form factor
- Quick search and playback on archived video data
- Concurrent archive multiple cameras from any Instek Digital's video recorder
- Supports up to 24 removable internal HDD
- Supports RAID-5 and RAID-6 for video data protection (optional)
- Dual power supplies hardware design (optional)

## INSTEK DIGITAL

Instek Digital is a video surveillance business unit of Good Will Instrument Co., Ltd. and focus on the development of high quality digital surveillance solutions. The company inherited over 20-years of surveillance experience. Instek Digital has the luxury of a strong financial background supported by Good Will Instrument Co., Ltd. – has over 40-years of electronics R&D and manufacturing experience. And Good Will Instrument Co., Ltd. is also listed on the Taiwan Stock Exchange.

Instek Digital offers a wide array of video surveillance software and hardware – under the brand of Instek Digital. The core design are based on the following principles; “User-Friendliness”, “Scalability” and “Reliability”. Instek Digital's solutions are based on an open platform – creating seamless third party integration. With this concept Instek Digital has created a business model that can meet every aspect in today's surveillance demand. The results speak for themselves – based on small and large projects that we have deployed around the world.

<b>System</b>	Model	HR-AS5416-4U	HR-AS5416-3U	HR-AS5416-2U	
	Camera channels	16*			
<b>Environmental</b>	Operating system	X86 Linux			
	Network interface	2 Gigabit Ethernet			
	Hard-Disc Drive trays	24 swappable	12 swappable	8 swappable	
	RAID	optional 0, 1, 5, 6, 10, 50			
	External storage	JBOD / IP SAN + JBOD / NAS supporting iSCSI target			
	Audio input /output	1 / 1			
	Operating temperature	0 ~ 40°C			
	Humidity	Max. 90%, non-condensing			
	<b>Electrial</b>	Electric power source	AC 100V ~ 240V		
		Dual power supply	optional		
<b>Mechanical</b>	PSU	650W (optional	500W (optional	500W (optional	
		2 x 800W)	2 x 500W)	2 x 500W)	
	Form factor	4U rack-mount	3U rack-mount	2U rack-mount	
	Dimensions w box (WxDxH mm)	640 x 860 x 365	650 x 790 x 285	650 x 790 x 285	
	Dimensions wo box (WxDxH mm)	483 x 625 x 177	442 x 579 x 132	442 x 579 x 96	
	Weight w / wo box (kg)	29.4 / 22.0	22.2 / 15.3	20.8 / 12.5	

\*) Upgradable license to 128 channels.  
 a) The actual video display performance may vary according to type of camera(s) and lighting condition.  
 b) Product specifications and availability are subject to change without notice.  
 c) Instek Digital is a registered trademark of Good Will Instrument Co., Ltd.

**Turnkey Models:**

**Description:**

- HR-AS5416-4U**
- HR-AS5416-3U**
- HR-AS5416-2U**

- 16 camera channels, 24 removable HDD bays
- 16 camera channels, 12 removable HDD bays
- 16 camera channels, 8 removable HDD bays

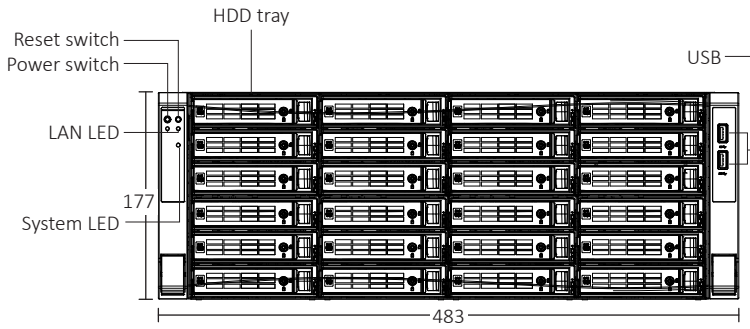
**Software Models:**

**Description:**

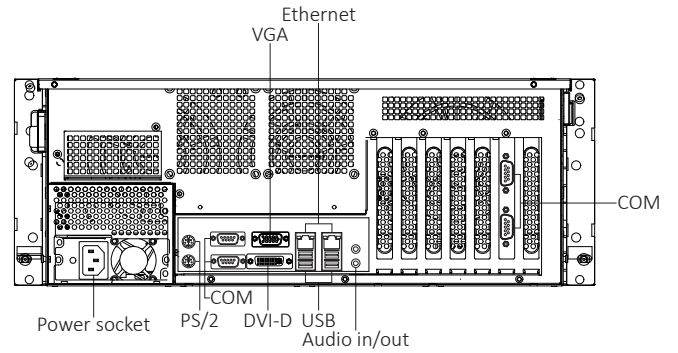
- HR-AS5128-SW**
- HR-AS5064-SW**
- HR-AS5032-SW**
- HR-AS5016-SW**
- HR-AS5008-SW**
- HR-AS5004-SW**
- HR-AS5002-SW**
- HR-AS5001-SW**

- 128 camera channels
- 64 camera channels
- 32 camera channels
- 16 camera channels
- 8 camera channels
- 4 camera channels
- 2 camera channels
- 1 camera channels

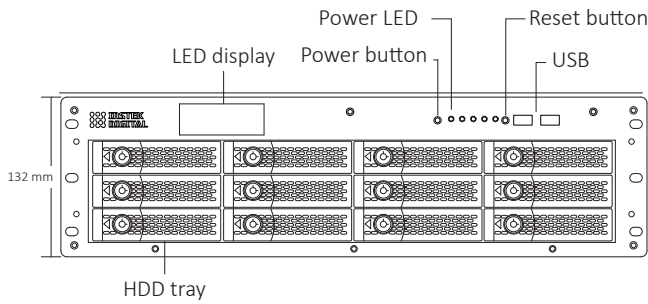
Front View HR-AS5416-4U



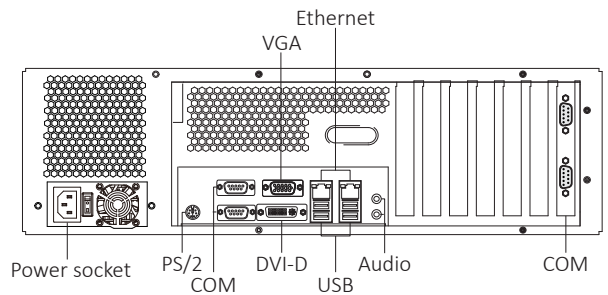
Rear View HR-AS5416-4U



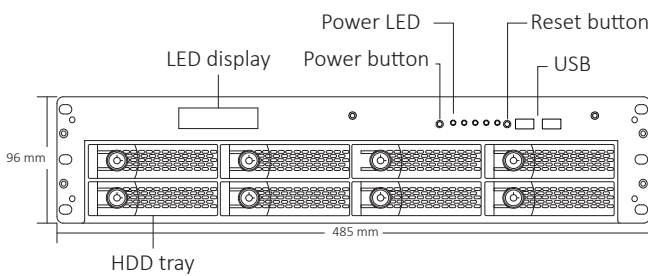
Front View HR-AS5416-3U



Rear View HR-AS5416-3U



Front View HR-AS5416-2U



Rear View HR-AS5416-2U

