

In order to optimize the bandwidth consumption between a (h)DVR, NVR or archive server and Command Center and nCCTV HD that utilizes the same video source – Instek Digital™ introduces its state-of-the-art Streaming Manager. The Streaming Manager behave as a stream relay server to obtain streams from a (h)DVR, NVR or archive server and forward it to Command Center and nCCTV HD.

Instek Digital™ Streaming Manager can largely reduce the bandwidth between a (h)DVR, NVR or archive server and multiple clients.



## Key Features

- X86 Linux operating system
- Distributed architecture and TCP/IP protocol for all environments
- Relay performance 200 video streams (live and playback video)
- Video source from (h)DVR, NVR, archive server
- H.264 / MPEG4 / MJPEG format
- 200 video stream in and output for live and playback viewing

## 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	<b>ID-SM5402-1U</b>		<b>ID-SM5401-1U</b>	
	Function	streaming manager			
	Processor	Intel® Core i7		Intel® Core i5	
	Video source	supports (h)DVR / NVR / archive server (standard H.264)			
	Operating system	X86 Linux			
	Architecture	distributed architecture and TCP/IP protocol for all environments			
	Relay performance	2Mb/s 200 video streams input & output live and playback viewing			
	Output device	Instek Digital™ nCCTV HD			
	Supported format	H.264 / MPEG4 / MJPEG			
	Keyboard / mouse	PS/2   USB			
	Ethernet	1 x gigabit LAN			
	USB	6 x USB			
	Video outputs	1 x VGA			
	<b>Environmental</b>	Operating temperature	0 ~ 40°C		
Humidity		Max. 90%, non-condensing			
<b>Electrical</b>	Power input	AC 100V ~ 240V			
	PSU	265W			
<b>Mechanical</b>	Form factor	1U rack-mount			
	Dimensions w / wo box (WxDxH mm)	551 x 624 x 191 / 482.6 x 394 x 44			
	Weight w / wo box (kg)	10.0 / 6.0			

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.

**Models:**

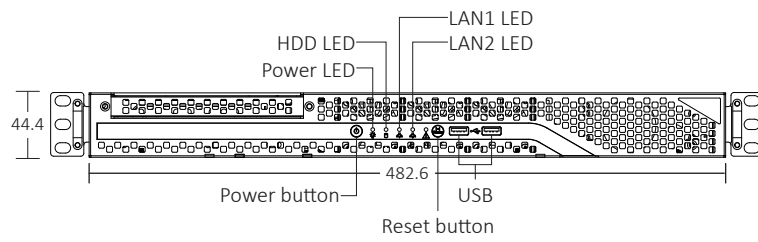
**Details:**

<b>ID-SM5402-1U</b>	Turnkey	200 streams input	200 streams output	32 channels transcoding
<b>ID-SM5401-1U</b>	Turnkey	200 streams input	200 streams output	16 channels transcoding
<b>ID-SM50S2-SW</b>	Software	200 streams input	200 streams output	32 channels transcoding
<b>ID-SM50S1-SW</b>	Software	200 streams input	200 streams output	16 channels transcoding

**Minimum hardware requirement for Streaming Manager Software solution**

<b>CPU</b>	Intel® Core™ i7 or higher
<b>Memory</b>	DDR4 1600 4GB or higher
<b>Graphics card</b>	VESA compatible
<b>Storage</b>	1TB hard-disc drive
<b>Network</b>	Gigabit LAN NIC (10/100/1000 Mbit)

## Front View ID-SM5400-1U Series



## Front View ID-SM5400-1U Series

