

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.

System	Model	ID-SM5402-2U	
	Function	streaming manager	
	Processor	Intel® Core i7	
	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	2 x gigabit LAN	
	USB	6 x USB	
	Video outputs	1 x VGA 1 x DVI-D	
	Environmental	Operating temperature	0 ~ 40°C
		Humidity	Max. 90%, non-condensing
	Electrical	Power input	AC 100V ~ 240V
Dual power supply		500W (optinal)	
Mechanical	PSU	500W	
	Form factor	2U rack-mount	
	Dimensions w / wo box (WxDxH mm)	650 x 790 x 285 / 442 (485 incl. side rails) x 579 x 96	
	Weight w / wo box (kg)	20.8 / 12.5	

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:

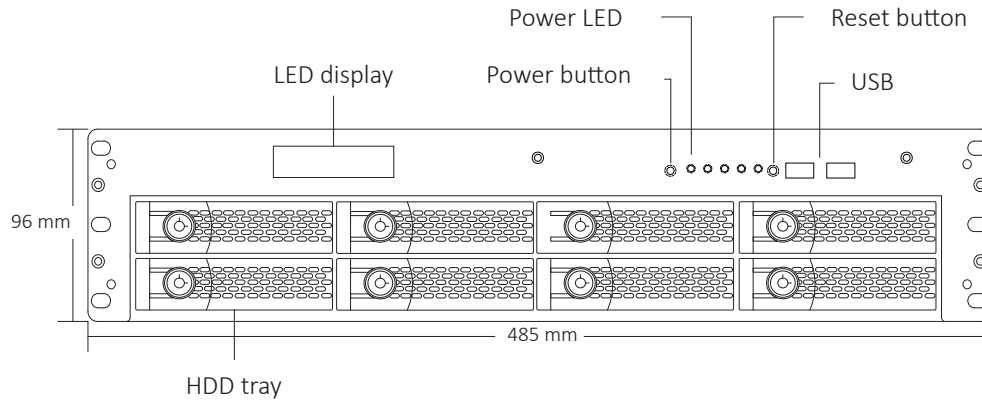
Details:

ID-SM5402-2U	Turnkey	200 streams input	200 streams output	32 channels transcoding
ID-SM50S2-SW	Software	200 streams input	200 streams output	32 channels transcoding

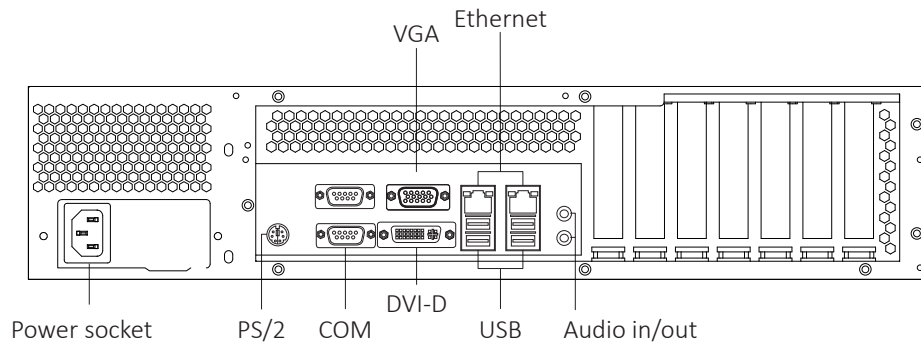
Minimum hardware requirement for Streaming Manager Software solution

CPU	Intel® Core™ i7 or higher
Memory	DDR4 1600 8GB or higher
Graphics card	VESA compatible
Storage	1TB hard-disc drive
Network	Gigabit LAN NIC (10/100/1000 Mbit)

Front View ID-SM5402-2U Series



Rear View ID-SM5402-2U Series



Rear View ID-SM5402-2U Series (Dual Power)

