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

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 ~ 40ºC
	Humidity	Max. 90%, non-condensing
Electrical	Power input	AC 100V ~ 240V
	Dual power supply	500W (optinal)
	PSU	500W
Mechanical	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.
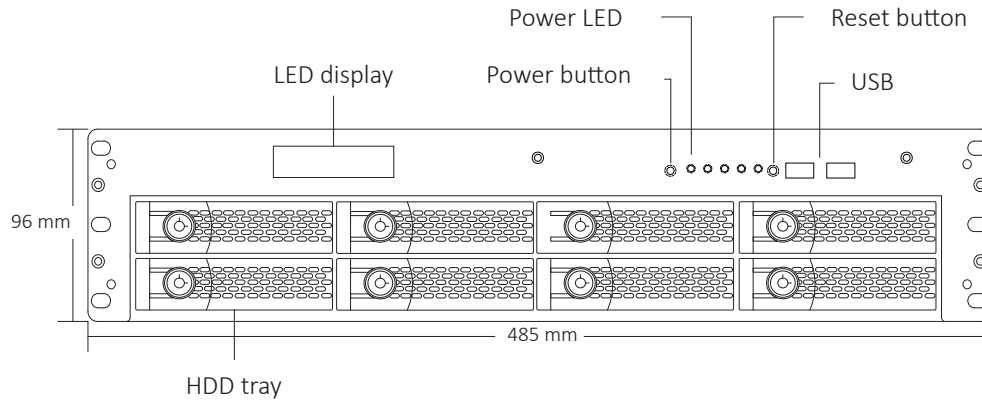
Models: **Details:**

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

Power LED   Reset button

LED display   Power button   USB

96 mm

485 mm

HDD tray

Rear View ID-SM5402-2U Series

VGA   Ethernet

DVI-D

Power socket   PS/2   COM   USB   Audio in/out
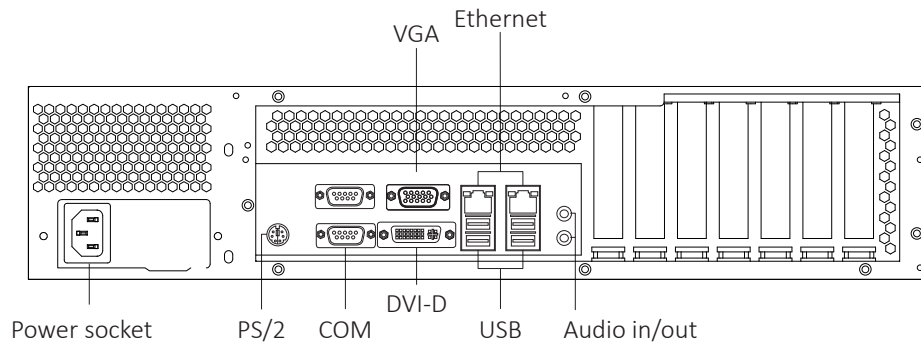
Rear View ID-SM5402-2U Series (Dual Power)

VGA   Ethernet

Audio in/out

Power socket   PS/2   COM   DVI-D   USB