

Features

- Embedded Linux operating system
- Distributed architecture and TCP/IP protocol for all environments
- Transcoding performance 16/32 D1 to 16/32 CIF (H.264)
- 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

In order to optimize the bandwidth consumption between a (h)DVR, NVR or archive server and its clients that are using 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 any client that requires it.

Instek Digital Streaming Manager can largely reduce the bandwidth between a (h)DVR, NVR or archive server and multiple clients. Besides, the requested stream can be transcoded to any formats/resolutions/frame-rate such as H.264, MJPEG and MPEG4 in timely manner according to client's demand. This will result in more efficient bandwidth usage and ease the video decoding power on mobile clients that cannot afford H.264 decoding.



#INSTEK DIGITAL

Instek Digital is a video surveillance division 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 to be supported by Good Will Instruments Co., Ltd. – which has over 30-years of electronics R&D a manufacturing experience and listed on the Taiwanese Stock Exchange.

Instek Digital offers a wide array 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.

Contact: sales@instekdigital.com

Model	GS-SM5401-1U	GS-SM5402-1U
Function	Streaming Manager	
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	
Transcoding performance	D1 > CIF: 16 CH	D1 > CIF: 32 CH
	720P > CIF: 16 CH	720P > CIF: 32 CH
	1080P > CIF: 10 CH	1080P > CIF: 18CH
Relay performance	2Mb/s 200 video stream input & output live and playback viewing	
Output device	nCCTV / nCCTV HD	
Supported format	H.264 / MPEG4 / MJPEG	
Keyboard / mouse	PS/2 USB	
Ethernet	2 x Gigabit LAN	
USB port	6	
VGA port	2 x 15 pin female D-SUB	
Electric power source	AC 100 ~ 240V	
Power consumption	300W	
Operating temperature	0 ~ 40°C	
Humidity	Max. 90% non condensing	
Dimension LxWxH (mm)	365 x 465 x 44	
Weight (kg)	9.0	

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.

Front View

Rear View

