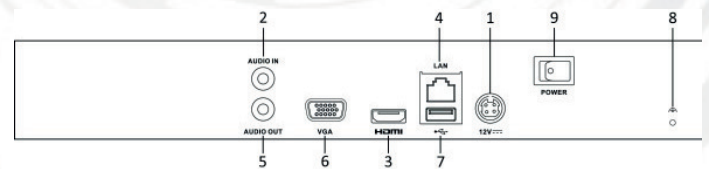


SC-2100 Series NVR



Physical Interfaces



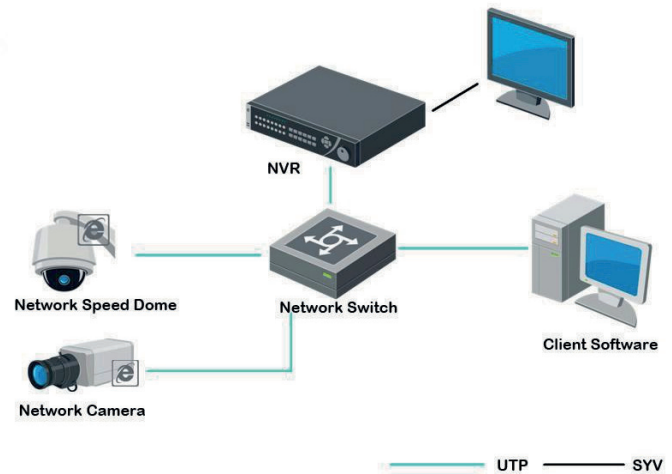
SC-2108, SC-2116

Introduction:

SC-2100 series NVR (Network Video Recorder) is a new generation recorder developed by Sec-On independently. Combined with multiple advanced technologies, such as audio and video decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other device to form a comprehensive surveillance system. The SC-2100 series NVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

Main Features:

- Connectable to the third-party network cameras like like ACTI, Arecont AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- Up to 16 network cameras can be connected.
- Support live view, storage, and playback of the connected camera with up to the resolution of 6 megapixels.
- Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution.
- New GUI and support starting record with one key;
- Holiday recording;
- Realize instant playback for assigned channel during multi-channel display mode.
- Up to 16-ch synchronous playback at 4CIF resolution. Customization of tags, searching, and playing back by tags. Locking and unlocking record files.
- Support HDD quota mode; different capacity can be assigned to different channel.
- 1 SATA hard disk can be connected.
- 1 self-adaptive 10M/100M/1000M network interface is provided ;
- Support Sec-On DDNS (Dynamic Domain Name System);
- Support network detection, including network delay, packet loss, etc.
- Support enabling H.264+ to ensure high video quality with lowered bitrate.



Specifications

Model		SC-2108	SC-2116
Video/Audio input	IP video input	8-ch	16-ch
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)	
Network	Incoming bandwidth	40Mbps	160Mbps
	Outgoing bandwidth	80Mbps	
	Remote connection	32	128
Video/Audio output	Recording resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Frame rate	Main stream: 50 fps (P) / 60 fps (N)	
		Sub-stream: 50 fps (P) / 60 fps (N)	
	HDMI/VGA output	1-ch, resolution: 1920 × 1080 /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz	
Audio output	1-ch, RCA (Linear, 1kΩ)		
Decoding	Live view / Playback resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Capability	4-ch@1080P	16-ch@4CIF, 12-ch@720P, 6-ch@1080P
Hard disk	SATA	1 SATA interface for 1 HDD	
	Capacity	Up to 4TB for each disk	
External interface	Network interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface	
	USB interface	1 × USB 2.0 and 1 × USB 3.0	
	Alarm in/out (Optional)	4 / 1	
Others	Power supply	12V DC	
	Consumption (without hard disk)	≤ 10W	
	Working temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)	
	Working humidity	10 % ~ 90 %	
	Chassis	Standalone 1U chassis	
	Dimensions (W × D × H)	315 × 230 × 45 mm (12.4" × 9.0" × 1.8")	
	Weight (without hard disk)	≤ 1 kg (2.2 lb)	