i-NVR+ Compact

Compact Network Video Recorder

Features

- High-performance Intelligent Network Video Recorder
- Compatible with:
  - C and S-series codecs/video servers
  - Minidomes and high-speed domes
- 8, 16, or 32-stream input and up to 32-stream output
- Bundled with Operator Storage™
- Stand-alone design (19" mountable)

Description

The Siqura® i-NVR+ Compact complements Siqura's IP surveillance portfolio with a cost-effective, reliable video storage solution. The i-NVR+ Compact forms an essential part of a video surveillance application for storing and retrieving vital video information. It can be operated by the supplied Operator Storage or by using the MX™ SDK (Software Development Kit). The i-NVR+ Compact fully supports the video streams of Siqura® S and C-series video codecs/servers and Siqura® IP cameras. For other IP cameras, please contact Siqura.

Storage and Retrieval

The i-NVR+ Compact supports scheduled background recording in a FIFO cyclic buffer and alarm track recording with configurable pre and post-event duration. Tracks can be retrieved and exported to a CD based on camera name, time/date, event, and user-definable bookmarks. The exported files are watermarked with a checksum to ensure content integrity. The i-NVR+ Compact can simultaneously handle background recording of 32 streams, (live) viewing of up to 8 cameras, streaming of up to 32 streams, and event-driven recording while executing all management tasks.

Robust, Reliable Design

The mechanical housing is a 2HU industrial stand-alone that can be mounted in a 19" rack. All high-grade mechanical and electrical components are selected for their reliability and performance for 24/7 operation.

Ordering Information

Model	Description
i-NVR+ Compact 500-8	8-channel Network Video Recorder
i-NVR+ Compact (xxxx)-16*	16-channel Network Video Recorder
i-NVR+ Compact (xxxx)-32*	32-channel Network Video Recorder
i-NVR+ KDM-17"	17" LCD monitor with keyboard and mouse
i-NVR+ KDM-19"	19" LCD monitor with keyboard and mouse

* Replace (xxxx) in the model number with the desired type. For available types, refer to the Storage chart on the next page.

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Video
Number of input streams(D1@30fps, 7.5 Mb/s max

i-NVR+ Compact 1000-8	up to 8 streaming video inputs (240 fps) + 8 contact closure inputs
i-NVR+ Compact xxxx-16	up to 16 streaming video inputs (480 fps) + 16 contact closure inputs
i-NVR+ Compact xxxx-32	up to 32 streaming video inputs (960 fps) + 32 contact closure inputs

Number of output streams

i-NVR+ Compact 1000-8	up to 8 streaming video outputs + 8 contact closure outputs
i-NVR+ Compact xxxx-16	up to 16 streaming video outputs + 16 contact closure outputs
i-NVR+ Compact xxxx-32	up to 32 streaming video outputs + 32 contact closure outputs

Device/stream compatibility	C-series encoders and decoders
	S-series video servers and decoders
	Minidomes and high-speed domes
	Supports unicast and multicast streams
Support streams	MPEG-2 I frame only, MPEG-4, and H.264 IP frames
Maximum recording/playback stream rate	7.5 Mbit/s per stream

Storage

i-NVR+ Compact type:	Storage Capacity	HDD configuration	Net Storage
500-8	580 GB	1+1	500 GB
1000-16/-32	1080 GB	2+1	1000 GB
1500-16/-32	1580 GB	3+1	1500 GB
2250-16/-32	2330 GB	3+1	2250 GB
3000-16/-32	3000 GB	4	2920 GB

Security

Authorization	Multilevel password protection
Logging	User activity
Image authentication	Checksum
Source authentication	Audit trail in stream

Software

Operating system	Windows XP professional
Graphical user interface	Siqura Operator Storage™

Events scheduling

Event triggers	Intelligent video motion detection
	External alarm/event triggers from encoders/servers/cameras (Contact Closures, VMD)
	Optional Intelligent Scene Analysis (ISAS)
	Optional Automatic Number Plate Recognition (ANPR)
Transmission	10/100/1000 MB Ethernet
Export/import media	CD/DVD writer/player
	USB memory stick

Network Management & Control

Management/configuration	MX™ Configuration Toolkit 2.3 and higher; MX™ SDK 1.7 and higher.

Powering

Power supply	230 VAC (/EU) or 115 VAC (/US)
Power consumption	80W +10W/HDD

Environmental

Operating temperature	+32° F to +104° F (0° C to +40°)
Recommended temperature range	+50° F to +86° F (+10° C to +30° C)
Relative humidity	<95% as long as there is no condensation

Mechanical

Dimensions (d x w x h)	2HU 1" rack-mountable, 19.4 x 16.6 x 3.5 in. (493 x 422 x 88 mm)