

## 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 Office™
- Stand-alone design (19" mountable)



## Description

The Siquira® i-NVR+ Compact complements Siquira'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 Office or by using the MX™ SDK (Software Development Kit). The i-NVR+ Compact fully supports the video streams of Siquira® S and C-series video codecs/servers and Siquira® IP cameras. For other IP cameras, please contact Siquira.

### 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

### Models

i-NVR+ Compact 500-8  
i-NVR+ Compact (xxxx)-16\*  
i-NVR+ Compact (xxxx)-32\*  
i-NVR+ KDM-17"  
i-NVR+ KDM-19"

### Description

8-channel Network Video Recorder  
16-channel Network Video Recorder  
32-channel Network Video Recorder  
17" LCD monitor with keyboard and mouse  
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.

# i-NVR+ Compact

## Technical specifications

# Compact Network Video Recorder

### Video

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

|                        |   |
|------------------------|---|
| i-NVR+ Compact 500-8   | 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 500-8   | 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 Office™ |

### Events scheduling

|                |   |
|----------------|---|
| Event triggers | Intelligent video motion detection<br>External alarm/event triggers from encoders/servers/cameras (Contact Closures, VMD)<br>Optional Intelligent Scene Analysis (ISAS)<br>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         | 0° C to +40° C (+32° F to +104° F)       |
| Recommended temperature range | +10° C to +30° C (+50° F to +86° F)      |
| Relative humidity             | <95% as long as there is no condensation |

### Mechanical

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



The quality management system utilized in the development, production, sales and support of this product is ISO 9001:2008 certified by LRQA.  
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