New Product Introduction

i-NVR

- High-performance Intelligent Network Video Recorder
- Compatible with:
  - C-series codecs
  - S-series video servers
  - OpteliDome™ and OpteliCam™ IP-cameras
  - Third-party IP-cameras
- Reliable video storage and easy retrieval
- JBOD (Compact) or RAID5 (Elite)
- Intelligent video motion detection
- Industrial designed for 24/7 operation
- Lip-sync audio support**
- SDK support

The *i*-NVR Compact and Elite series complement Optelecom-NKF's IP surveillance portfolio with a cost-effective, reliable video storage solution. The *i*-NVR is an essential part of a video surveillance application for storing and retrieving vital video information. The *i*-NVR is operated using its own MMI, Operator Office™, or by using MX™ SDK (Software Development Kit). The *i*-NVR supports video streams from the S- and C-series video codecs/servers, OpteliDome™ and OpteliCam™ IP-cameras. (For compatibility with other IP-cameras, please contact Optelecom-NKF.)

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 CD-ROM or DVD, 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 can simultaneously handle background recording of 16 to 64 streams, (live) viewing of 6 or more cameras, and event-driven recording while executing all management tasks.

Robust, reliable design
The mechanical housing is a 2U or 4U industrial 19" housing. All high-grade mechanical and electrical components are selected for their reliability and performance for 24/7 operation.

Versatile CCTV solutions
The *i*-NVR is a component of Optelecom-NKF's Siqura™ surveillance solutions; seamless integration of video management, network recording, client and control software, and video content analysis software.
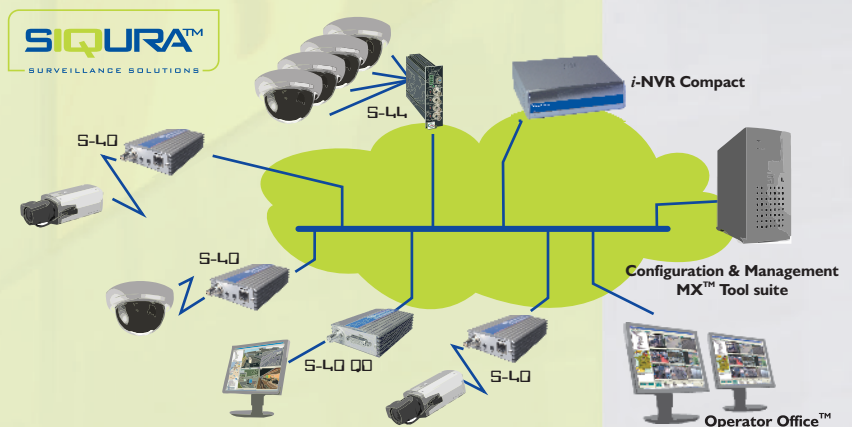
Model	Description
i-NVR Compact Series	Compact 16- or 32 channel *i*-NVR, 2U 19" rack-mounable or standalone housing
i-NVR Elite Series	32-or 64 channel hot swappable RAID-5 *i*-NVR, 2 or 4U 19" rack housing

**: Not yet available.

Optelecom-nkf

Video

Nr of input streams	16, 32 or 64	
Device/stream compatibility	C-series encoders and decoders	
	S-series video servers and decoders	
	OpteliDome series IP cameras	
	(For other vendors, contact Optelecom-NKF)	
Resolution (HxV)	**PAL**	**NTSC**
D1	720x576	720x480
2/3D1	480x576	480x480
HD1	352x576	352x480
CIF	352x288	352x240
QCIF	176x144	176x120
Frame rate	1 to 25/30 fps, configurable per stream	

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	Comprehensive, intuitive GUI included (Compact only)

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	10/100/1000GB Ethernet
Export/import media	CD/DVD writer/player
	USB memory stick

Network Management & Control

Management/ configuration	MX™ Configuration Toolkit 2.0 and higher; MX™ SDK 1.4 and higher.

Powering

Power supply	230 Vac (/EU) or 115 Vac (/US)

Environmental

Operating temperature	0 to 40 °C
Recommended temp. range	+10 to +30 °C
Relative humidity	< 90% (no condensation)

Mechanical

Dimensions	2U or 4U 19" rack

www.siqura.com
www.optelecom-nkf.com