NiceVision® PRO

Advanced video and audio solution for proactive security

NiceVision Pro combines high video quality, massive digital recording and advanced video networking in delivering the most comprehensive security architecture for better security operation.

With innovative and industrial-grade content analytics, NiceVision Pro empowers security personnel to actively detect and act upon security infractions, while providing easy event-driven access for review and investigation.

NiceVision Pro helps security organizations reduce system ownership costs, streamline operations and deliver more effective security.

Product highlights

High capacity, space efficient recording

Up to 96 channels of real-time, non-multiplexed video per camera

Superior video quality

MPEG4 Main Profile compression, with real-time 4CIF high resolution

Advanced video networking

IT-grade platform, offering an easy migration path

with hybrid configurations

Massive DSP-based video analytics

Combining real-time alert and instant investigation

Flexible, networked storage

Enhancing data survivability and disaster recovery capabilities

NiceVision® Secure Your Vision

NICE®

Features

- Non-multiplexed real-time video, per camera

- Up to 96 video and 24 audio inputs, per unit

- Individual frame-rate setup for recording,
  monitoring and alarm at up to 25/30 fps

- True 4CIF high resolution with noise reduction filters

- Advanced compression algorithms (MPEG4 Main Profile, H.263+)

- Audio and video recording and synchronization

- Massive storage (10TB online, 18TB near-line, per unit)

- Flexible networked configurations – local (DAS), remote (SAN),
  and centralized archiving (NAS)

- Real-time content analysis, per camera

- Object-based video motion detection

- IP cameras recording, allowing hybrid IP/Analog configurations
  in the same unit

- Direct interface for PTZ keyboard control

- Instant event view upon alarm

- Advanced video authentication

- Audit-trail for tracking user's system management activities

- SNMP-based event notifications

- Multi-language application

- Open API for third-party integration

- Scalable from one to hundreds of recorders

NiceVision® PRO

☎Contact information

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Specifications

Recording capacity (configuration dependent)
Up to 96 video inputs per unit
Up to 64 IP-video inputs per unit
Up to 24 audio inputs per unit
Up to 24 content analysis channels per unit

Video processing and compression
Standard ITU-T compression
Compressions – MPEG4 Main Profile, H.263+, M-JPEG
Selectable compression rates per camera – 16Kbps to 4096Kbps
Up to 30fps (NTSC) / 25fps (PAL) per camera
CIF and 4CIF resolutions
Video authentication

Video input and output
Analog composite video input – NTSC/PAL 75 ohms
IP capture devices – IP cameras and converters
by leading manufacturers
Separate IP video collection and viewing network
Digital video playback and monitoring over IP
Multi-view (4, 9 and 16 cameras on one screen) over IP
OSD on each output
(time, date, camera name and number, view status)

Video event triggers
Video Motion Detection (VMD) per camera
Directional Motion Detection
(based on Object Tracking technology)
Content Analysis
(Baggage, Vehicle, Crowd, Intruder detection, and more)
Up to 96 dry contact interfaces
Application Programming Interface (32-bit API)
Popup video upon alarm

Audio
Compressions – PCM, ADPCM-16
Digital audio monitoring and playback over IP

Storage media and architecture
1TB of internal hard drive storage
Up to 10 TB of external RAID storage
Up to 18 TB of external digital tape storage (AIT2/3)
RAID-1 and RAID-5 support
Internal digital tape drives (35 or 50GB)
Direct attached (DAS) local storage
Networked remote storage (SAN)
Centralized storage over IP networks (NAS)

Search capabilities
Event-driven and time-driven searches, based on multiple criteria:
Camera name or number
Date and time
Alarm trigger
External data
Comments
MotionTrak – offline motion tracking tool

PTZ support
Integrated direct PTZ control supporting leading cameras,
domes and PTZ controllers

Dimensions
Width: 480mm. (19 inches)
Depth: 596mm. (23.5 inches)
Height: 180mm. / 4U (7.0 inches)
Weight: From 30Kg. (66 lbs.) to 35Kg. (77 lbs.)

Power source
115/230 VAC
60/50 Hz single phase

Power consumption and dissipation
Peak AC watts: 550W
Peak AC amps: 2.5A
Power Dissipation: 1000 - 1300 BTU

Ambient operating temperature
Operating temperature: 5°C to 40°C (40°F to 110°F)
Operating humidity: 20% to 80% (non-condensing)

Safety standards
EN60950, UL 60950, CAN/CSA No. 60950

EMC standards
EN55022 Class-B, 55022, EN 61000-6-2,
EN 61000-3-2/3, FCC Part 15ÊClass A

NICE®

Reshaping Security

NiceVision® Harmony

Powerful video recording for small to medium systems

NiceVision Harmony enables a broad range of digital recording applications over a single, flexible product platform.

Providing built-in functionality that saves you money, and a range of options and configurations that adapts to your needs, NiceVision Harmony delivers the power of high-end to small and medium systems.

Product highlights

16-64 cameras (4-30/3-25 fps)

Flexible frame rate change upon alarm

Extensive built-in functionality

Built-in analog matrix, integrated dry contacts,

analog video output

Delivering high-end features

Real-time recording, External RAID storage,

Advanced video search

Stand-alone and networked

Analog and IP cameras recording

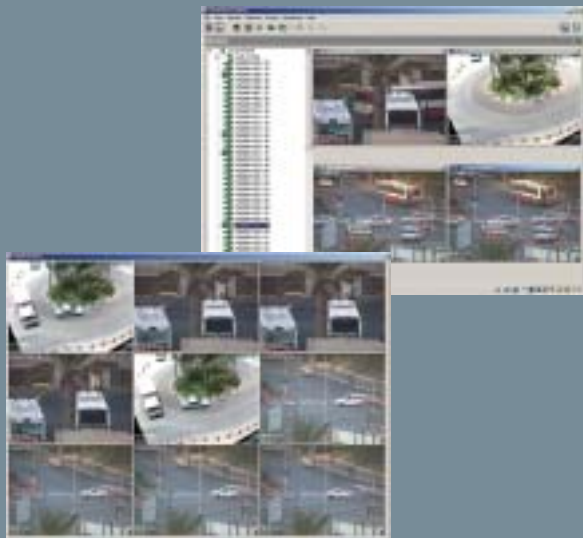**Seamlessly connecting to your security environment**

NiceVision® Secure Your Vision

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Features

- 16-64 video inputs (at 3-25/4-30 fps)

- Frame rate change upon alarm

- Built-in analog matrix (32x4), with cyclic monitoring functionality

- Multi-screen viewing (2x2, 3x3, 4x4)

- Extensive storage support (10TB online, 18TB near-line, per unit)

- Advanced video motion detection

- IP cameras recording

- Instant event view upon alarm

- Direct interface for PTZ keyboard control

- Integrated dry-contracts

- Integrated analog output

- Audit-trail for tracking users system management activities

- SNMP-based event notifications

- Scalable from one to hundreds of recorders

- Multi-language application

- Open API for third-party integration

- Same application for controlling NiceVision Pro and Harmony

Specifications

Recording capacity
16-64 video inputs per unit
Up to 64 IP-video inputs per unit

Video processing
Standard ITU-T compression
Compressions – H.263+, M-JPEG

Video input and output
Analog composite video input – NTSC/PAL 75 ohms
IP capture devices – IP cameras and converters by leading manufacturers
Separate IP video collection and viewing network
Digital video playback and monitoring over IP
Multi-view (4, 9 and 16 cameras on one screen) over IP
OSD on each output (time, date, camera name and number, view status)
Analog video output

Video matrix
32 analog inputs to 4 analog outputs

Video event triggers
Video Motion Detection (VMD) per camera
Integrated 32 dry contact interfaces
(configurable for input/output in groups of 8)
Application Programming Interface (32-bit API)
Popup video upon alarm

Storage media and architecture
1TB of internal hard drive storage
Up to 3.4 TB of external RAID storage
Up to 12 TB of external digital tape storage (AIT2/3)
RAID-5 support

Search capabilities
Event-driven and time-driven searches, based on multiple criteria:
Camera name or number
Date and time
Alarm trigger
External data
Comments
MotionTrak – offline motion tracking tool

PTZ support
Integrated direct PTZ control supporting leading cameras,
domes and PTZ controllers

Dimensions
Width: 480mm. (19 inches)
Depth: 596mm. (23.5 inches)
Height: 180mm. / 4U (7.0 inches)
Weight: From 18Kg. (40 lbs.) to 20Kg. (44 lbs.)

Power source
115/230 VAC
60/50 Hz single phase

Power dissipation
600 BTU

Ambient operating temperature
Operating temperature: 5°C to 40°C (40°F to 110°F)
Operating humidity: 20% to 80% (non-condensing)

Safety standards
EN60950, UL1950

EMC standards
EN55022 Class-A, EN50081-1, EN55024,

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NiceVision® Harmony

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