



# NiceVision<sup>®</sup> 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**

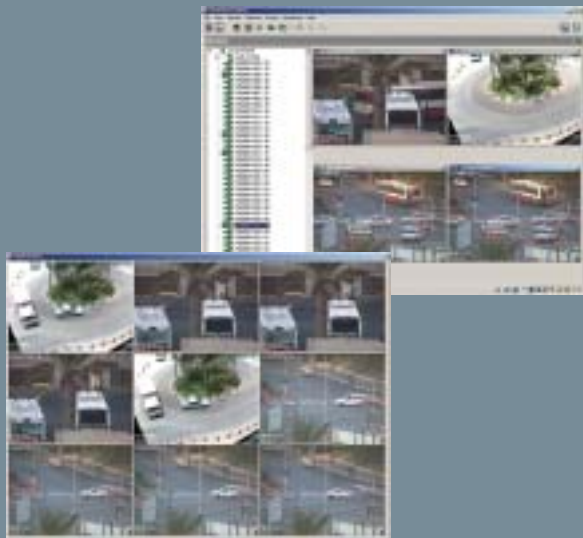


NiceVision<sup>®</sup> Secure Your Vision

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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-contacts
- 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,

### Contact information

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# NiceVision® Harmony



# NiceVision<sup>®</sup> 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



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## 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 15E Class A