



NiceVision® PRO

SMART VIDEO
PROVEN VALUE

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 solution for better security operation. With innovative and industrial-grade video 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 ownerships 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 easy migration path with hybrid configurations
- **Massive DSP-based video analytics** – Combining real-time alert and instant investigation (Scenario Reconstruction)
- **Flexible, networked storage** – Enhancing data survivability and disaster recovery capabilities

Insight from Interactions™

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 (22.5TB online, 12TB near-line, per unit)
- Flexible networked configurations – local (DAS), local (DAS) and centralized archiving (NAS), and centralized archiving (NAS)
- Real-time content analysis, per camera
- Advanced object-based video motion detection
- Direct interface for PTZ keyboard control
- Advanced GUI with multi-screen viewing, maps and user-defined views (pages)
- Smart monitoring with instant event investigation (Scenario Reconstruction)
- Advanced video authentication
- Audit-trail for tracking users 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

SPECIFICATIONS

Recording capacity (configuration dependent)	<ul style="list-style-type: none"> • Up to 96 video inputs per unit • Up to 24 audio inputs per unit • Up to 24 content analysis channels per unit
Video processing and compression	<ul style="list-style-type: none"> • Standard ITU-T compression • Compressions – MPEG4 Main Profile, H.263+, M-JPEG • Selectable compression rates per camera – 16Kbps to 8Mbps • Up to 30fps (NTSC) / 25fps (PAL) per camera • CIF and 4CIF resolutions • Video authentication
Video input and output	<ul style="list-style-type: none"> • Analog composite video input – NTSC/PAL 75 ohms • 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	<ul style="list-style-type: none"> • Video Motion Detection (VMD) per camera • Directional Motion Detection (based on advanced Object Tracking technology) • Video Analytics (Detection of Intruders, Baggage and Vehicles; Tailgating; Line control, People counting) • Up to 96 dry contact interfaces • Application Programming Interface (32-bit API) • Pop-up video upon alarm
Audio	<ul style="list-style-type: none"> • Compressions - PCM, ADPCM-16, ADPCM-32 • Digital audio monitoring and playback over IP
Storage media and architecture	<ul style="list-style-type: none"> • 2TB of internal hard drive storage • Up to 22.5 TB of external hot-swappable RAID5 storage • Up to 12TB of external digital tape storage with internal mirroring (AIT3) • Internal digital tape drives (100GB) • Direct attached (DAS) local storage • Centralized storage over IP networks (NAS)
Search capabilities	Event-driven and time-driven searches, based on multiple criteria: <ul style="list-style-type: none"> • 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, 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)
EMC standards	EC: EN 55022:98+A1 (00)+A2(03), EN 55024:98+A1 (01)+A2(03), IEC 61000, EN 61000-3-2:00: EN 61000-3-3:95+A1(01) US/CAN FCC 47CFR, P15 Sub B: 06 CAN/CSA CISPR 22-02 AS/NSZ CISPR 22:2004
Product safety standards	EC: EN 60950-1:01 (II); US: UL 60950-1:03 (III) IEC 60950-1: CAN/CSA-C22.2 No.60950-1-03 (2003)

CONTACTS

Global International HQ, Israel, T +972 9 775 3777, F +972 9 743 4282 • Americas, North America, T +1 201 964 2600, F +1 201 964 2610
 EMEA, Europe & Middle East, T +44 8707 224 000, F +44 8707 224 500 • APAC, Asia Pacific, T +852 2598 3838, F + 852 2802 1800
www.nice.com/nicevision

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