



# 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 operations. 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

- 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)
- Audio and video recording and synchronization
- Massive storage (30TB online per unit)
- Flexible networked configurations local (DAS), remote (SAN), and centralized archiving (NAS)
- Real-time content analysis, per camera
- Advanced object-based video motion detection
- Open API for third-party integration
- Direct interface for PTZ keyboard control
- Advanced GUI with multi-screen viewing, maps and user-defined views (pages)
- Same application for controlling all NiceVision products (NiceVision ControlCenter)
- 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
- Scalable from one to hundreds of recorders



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## SPECIFICATIONS

Recording capacity (configuration dependent)	<ul style="list-style-type: none"> <li>• Up to 96 video inputs per unit</li> <li>• Up to 24 audio inputs per unit</li> <li>• Up to 24 content analysis channels per unit</li> </ul>
Video processing and compression	<ul style="list-style-type: none"> <li>• Standard ITU-T compression</li> <li>• Compressions - MPEG4, Main Profile</li> <li>• Selectable compression rates per camera - 16Kbps to 8Mbps</li> <li>• Up to 30fps (NTSC) / 25fps (PAL) per camera</li> <li>• CIF, 2D, 2CIF and 4CIF resolutions</li> <li>• Video authentication</li> </ul>
Video input and output	<ul style="list-style-type: none"> <li>• Analog composite video input - NTSC/PAL 75 ohms</li> <li>• Digital video playback and monitoring over IP</li> <li>• Multi-view (4, 9 and 16 cameras on one screen) over IP</li> <li>• OSD on each output (time, date, camera name and number, view status)</li> <li>• Analog and VGA/DVI monitoring</li> </ul>
Video event triggers	<ul style="list-style-type: none"> <li>• Video Motion Detection (VMD) per camera</li> <li>• Directional Motion Detection (based on advanced Object Tracking technology)</li> <li>• Video Analytics (NiceVision Analytics)</li> <li>• Up to 96 dry contact interfaces</li> <li>• Application Programming Interface (32-bit API)</li> <li>• Pop-up video upon alarm</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• Compressions - PCM, ADPCM-16, ADPCM-32</li> <li>• Digital audio monitoring and playback over IP</li> </ul>
Storage media and architecture	<ul style="list-style-type: none"> <li>• 2TB, 3TB of internal hard drive storage</li> <li>• Up to 30TB of external hot-swappable RAID5 storage</li> <li>• Direct attached (DAS) local storage</li> <li>• Up to 30TB of centralized storage over IP networks (NAS)</li> </ul>
Search capabilities	Event-driven and time-driven searches, based on multiple criteria: <ul style="list-style-type: none"> <li>• Camera name or number</li> <li>• Date and time</li> <li>• Alarm trigger</li> <li>• External data</li> <li>• Comments</li> <li>• MotionTrak - offline motion tracking tool</li> </ul>
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 Redundant and hot-swappable power supply (optional)
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)
Environmental	RoHS

## CONTACTS

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