



NiceVision ALTO

SMART VIDEO
PROVEN VALUE



VERSATILE DIGITAL VIDEO AND AUDIO SOLUTION

NiceVision Alto is a versatile solution for digital video and audio recording, analysis and management, designed for the mid to high-end security market. NiceVision Alto provides high resolution video, sophisticated video analytics and real-time frame rate performance, with the ability to change frame-rate, resolution and image quality according to schedules, or detected events.

Product highlights

- 4-32 video inputs at up to 25/30 fps - Dynamically changing frame-rates, resolutions and compression levels
- Distributed real-time video analysis – Detecting and tracking vehicles, baggage, people and intruders, detecting counterflow and line control
- High resolution video - 4CIF, 2CIF and CIF resolutions
- Local and networked storage - Enhanced data integrity and survivability
- Smart monitoring and alarm management - Enhancing event response and investigation
- Stand-alone and networked configurations

Insight from Interactions™

NICE

FEATURES

- Non-multiplexed real-time video per camera
- 4, 8, 16, 32 video inputs (up to 25/30 fps)
- Frame rate, resolution and video quality change upon alarm or schedule
- 4CIF, 2CIF and CIF resolutions
- Real-time video analysis applications
- Advanced compression algorithm - MPEG4 Main Profile
- Extensive storage support (13TB online per unit)
- Flexible networked storage configurations – local (DAS), remote (SAN), and centralized archiving (NAS)
- Advanced GUI with multi-screen viewing, maps and user-defined views (pages)
- Advanced video motion detection
- Same application for controlling all NiceVision products (NiceVision ControlCenter)
- Smart monitoring with instant event investigation (Scenario Reconstruction)
- Open API for third-party integration
- Direct interface for PTZ keyboard control
- Integrated dry-contacts
- Integrated analog output
- Advanced video authentication
- Audit-trail for tracking users system management activities
- SNMP-based event notifications
- Scalable from one to hundreds of recorders
- Multi-language application
- Dynamic configuration



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ALTO

SPECIFICATIONS

Recording capacity (configuration dependent)	• 4-32 video inputs per unit • 1 audio input per unit
Video processing and compression	• Compression – MPEG4, Main Profile • Selectable compression rates per camera – 16Kbps to 8Mbps • Up to 30fps (NTSC) / 25fps (PAL) per camera • CIF, 2CIF, and 4CIF resolutions • Video authentication
Video input and output	• 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) • Analog and VGA/DVI monitoring
Video event triggers	• Video Motion Detection (VMD) per camera • Directional Motion Detection (based on advanced Object Tracking technology) • Video Analytics (NiceVision Analytics) • Up to 32 dry contact interfaces • Application Programming Interface (32-bit API) • Popup video upon alarm
Audio	• Compression – PCM • Digital audio monitoring and playback over IP
Storage media and architecture	• Up to 3TB of hot-swappable internal RAID-5 storage hard drives • Up to 13TB of external hot swappable RAID5 storage • Direct attached (DAS) local storage • Networked remote storage (SAN) • Up to 30TB or centralized storage over IP networks (NAS)
Search capabilities	Event-driven & 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: 48.3cm. (19 inches) Depth: 52.5cm. (20.67 inches) - 56.6cm. (22.28 inches) with rack handle Height: 17.8cm. / 4U (7.0 inches) Weight: From 30Kg. (66 lbs.) to 35Kg. (77 lbs.)
Power source	110/220 VAC 60/50 Hz single phase Redundant hot-swappable power supply (optional)
Power consumption & dissipation	Peak AC amps: 1.5A/220V, 3A/110V Peak AC watts: 300W Power Dissipation: 1000 - 1300 BTU
Ambient operating temperature	Operating temperature: 5°C to 40°C (40°F to 110°F)
Safety standards	Operating humidity: 20% to 80% (non-condensing)
EMC standards	EN60950, UL 60950 EN55022 Class-A, 55022, 55024, EN 61000-3-2/3, FCC Part 15 Class A
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)
Environment	ROHS

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