



NiceVision Net™ – NVD 5004/1002

Advanced Video Decoders

CONTROL ROOM VISUALIZATION FOR EFFECTIVE MONITORING AND INVESTIGATION

NiceVision® NVD 5004 and 1002 are high quality video decoders that enable live and recorded full resolution IP video streams to be displayed on a variety of monitors. NiceVision decoders support a wide range of NiceVision and third-party edge devices, all of them controlled by one unified management application. NVD 5004 and 1002 are part of the NiceVision Net™ product suite – the next generation IP video solution from NICE.

FEATURES

- High resolution MPEG-4 and M-JPEG video at full frame rate (up to 4CIF at 30/25 fps)
- NVD 5004 — an intelligent server-based decoder for a fast and thorough investigation of events
- NVD 1002 — a compact embedded encoder for real-time monitoring and instant verification
- Part of NiceVision's VMX solution, enabling a cost-effective alternative to an analog matrix
- Intuitive monitoring and playback via a PC workstation and CCTV Keyboard
- All interconnecting cameras and monitors managed by unified ControlCenter
- Remote firmware upgrade via the network (NVD 1002)
- Complete interoperability with existing Digital Video Recording (DVR) and Network Video Recording (NVR) solutions
- NVD 5004: supports up to four monitors per unit
- NVD 1002: supports up to two monitors per unit
- Advanced alarm management capabilities
- Remote management and configuration via NiceVision ControlCenter
- Seamless integration with pure IP or hybrid network
- Scalable to hundreds of monitors per site
- Supports OSD (on-screen display) functionality
- Full screen or split screen mode
- Real-time video analytics and Video Motion Detection alerts (NVD 5004)
- Supports megapixel cameras (NVD 5004)



NVD 5004



NVD 1002

SPECIFICATIONS

	NVD 5004	NVD 1002
Video input	<ul style="list-style-type: none"> • NiceVision encoders, NVRs and DVRs • Supports 3rd party IP cameras, servers and encoders • Supports resolutions: CIF, SIF, 2CIF, 4CIF, D1, QVGA, VGA • Supports megapixel resolutions: UXGA, QXGA 	<ul style="list-style-type: none"> • NiceVision encoders, NVRs and DVRs • Supports 3rd party IP cameras, servers and encoders • Supports resolutions: CIF, SIF, 2CIF, 4CIF, D1, QVGA, VGA
Video decoding standards	<ul style="list-style-type: none"> • MPEG-4, H.263+, M-JPEG 	<ul style="list-style-type: none"> • MPEG-4, H.263+, M-JPEG
Streaming protocols	<ul style="list-style-type: none"> • RTP, UDP, TCP, IP, IGMP V2/V3 	<ul style="list-style-type: none"> • TCP, IP
Functionality	<ul style="list-style-type: none"> • Advanced playback trick mode: frame by frame, variable speeds, pause etc. 	<ul style="list-style-type: none"> • Simple playback
Video output display	<ul style="list-style-type: none"> • Full screen mode: <ul style="list-style-type: none"> • 4 screens of CIF@RT each • 2 screens of 4CIF@RT each • Single screen with 3x3 layout mode - up to 9 streams of CIF@RT each • Single screen with 4x4 layout mode - up to 16 streams of CIF@RT each • Quad support: <ul style="list-style-type: none"> • 1 screen of 4CIF@RT quad • 2 screens of CIF@RT quad each 	<ul style="list-style-type: none"> • Full screen mode: 2 x 4CIF@RT screen • Quad support: 2 quads of CIF@RT
Video standards	<ul style="list-style-type: none"> • PAL, NTSC 	<ul style="list-style-type: none"> • PAL, NTSC
Interfaces:		
<ul style="list-style-type: none"> • Display outputs <ul style="list-style-type: none"> - Composite - VGA/DVI • Ethernet • Audio 	<ul style="list-style-type: none"> • Up to 4 composite monitors • Up to 4 x VGA/DVI monitors • 10/100/1000 Mbps • Ready for audio output using sound blaster line output 	<ul style="list-style-type: none"> • Up to 2 composite monitors • Ready for 2 x VGA/DVI monitors • 10/100 Mbps • Ready for audio output; 2 RCA connectors to support 2 mono audio outputs (standard line out) • Ready for TTL, configurable for in/out; 1 relay port
• TTL/relay connections		
Dimensions	<ul style="list-style-type: none"> • W x D x H: 483 mm (19") x 355 mm (14") x 88 mm - 2U (3.5") • Weight: 9 kg (19.8 lb) 	<ul style="list-style-type: none"> • W x D x H: 110 mm (4.3") x 155 mm (6.1") x 44 mm - 1U (1.7"), rack mount kit (4 units in 1HU) • Weight: 600 g (1.3 lb)
Power supply	<ul style="list-style-type: none"> • 90-256 VAC full range; total output power – 200 W 	<ul style="list-style-type: none"> • AC (110V/220V); total output power - 17.5 W • Round connector: 12V DC; 2A Power Jack
Environmental conditions	<ul style="list-style-type: none"> • 5° - 40° C (40° - 110° F) • Humidity - 20% - 80% (non-condensing) 	<ul style="list-style-type: none"> • 0° - 40° C (32° - 110° F) • Humidity: 20% - 80% (non-condensing)
EMC standards	<ul style="list-style-type: none"> • 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) • USA: FCC 47CFR, P15 Sub B:06; CAN/CSA-CISPR 22-02; AS/NSZ CISPR 22:2004 	
Product safety standards	<ul style="list-style-type: none"> • EC: EN 60950-1:01 (II); US: UL 60950-1:03 (III), IEC 60950-1; CAN/CSA: C22.2 No 60950-1-03 (2003) 	

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