



## NICEVISION NET™ - NVE 1002

Single/Dual Channel Encoders

### INTELLIGENT, ENTERPRISE-CLASS VIDEO ENCODERS

NiceVision® NVE 1002 encoders are compact, intelligent video devices which enable high quality, 4CIF real-time video images from analog cameras to be seamlessly recorded, managed and analyzed over IP networks. The NVE 1002 product family offers one and two channel video encoders with built-in video analytics, comprehensive alarm management and optimal dual streaming capabilities. NVE 1002 is part of the NiceVision Net™ product suite — the next generation IP video solution from NICE.

## FEATURES

- Complete family of embedded encoders including:
  - NVE 1002 two channel encoder
  - NVE 1002 CA one channel encoder with built-in analytics
  - NVE 1002 XT two channel extended temperature encoder
  - NVE 1002 CA/XT one channel extended temperature encoder, with built-in analytics
- High quality video streaming for reliable recognition, identification and evidence
- Supports MPEG-4 compression standard for efficient use of network bandwidth and storage capacity
- Built-in video content analytics (NVE 1002 CA models)
- Dual streaming capabilities for live monitoring and storage-saving applications
- Supports Video Motion Detection (VMD) for event triggering
- Video authentication prevents tampering or modification of transmitted images
- Remote management and configuration via web browser or NiceVision ControlCenter
- Advanced intuitive user interface (GUI) for event management and monitoring
- Seamless integration with NiceVision ControlCenter, enabling:
  - live monitoring and replay of recordings
  - post-recording analysis of video
  - alarm management capabilities



NiceVision®  
NVE 1002

## SPECIFICATIONS

<b>Video processing &amp; compression</b>	<ul style="list-style-type: none"> <li>• MPEG-4</li> <li>• Single channel – up to 4CIF 25/30 fps</li> <li>• Dual channel – up to 2CIF 25/30 fps</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 2 BNC input connectors per encoder</li> <li>• 1 COM interface via terminal block with optional configuration of RS-232/485/422</li> <li>• 1 USB with type A connector</li> <li>• 2 input TTL and 2 outputs, 1 relay</li> </ul>
<b>Video event triggers</b>	<ul style="list-style-type: none"> <li>• Video Motion Detection (VMD) per camera</li> <li>• TTL alerts</li> </ul>
<b>Clients</b>	<ul style="list-style-type: none"> <li>• Supports simultaneous users accessing the device via web browser or NiceVision ControlCenter</li> </ul>
<b>PTZ support</b>	<ul style="list-style-type: none"> <li>• Integrates direct PTZ control, supports leading cameras, domes and PTZ controllers</li> </ul>
<b>Network protocols</b>	<ul style="list-style-type: none"> <li>• Supports IP, ICMP, HTTP, UDP, TCP, RTP, NTP, Multicast, TFTP, DNS, DHCP</li> </ul>
<b>Configuration</b>	<ul style="list-style-type: none"> <li>• Via web browser or NiceVision ControlCenter</li> </ul>
<b>Firmware upgrade</b>	<ul style="list-style-type: none"> <li>• Flash memory for firmware upgrade over the network</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• Width: 110 mm (4.3")</li> <li>• Depth: 200 mm (7.9")</li> <li>• Height: 40 mm (1.6"),</li> <li>• Rack mount kit (4 units in 1HU)</li> <li>• Weight: 620 g/1.4 lb (640 g for CA models)</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>• Input power – 12VDC/2A</li> </ul>
<b>Environmental conditions</b>	<ul style="list-style-type: none"> <li>• Ambient operating temperature: 0° - 50°C (32° - 122°F)</li> <li>• -20° - 60°C (-4° - 140°F) — NVE 1002 XT models</li> <li>• Humidity: 20% - 80% (non-condensing)</li> </ul>
<b>EMC standards</b>	<ul style="list-style-type: none"> <li>• 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)</li> <li>• US/CAN FCC 47CFR, P15 Sub B: 06 CAN/CSA-CISPR 22-02</li> <li>• AS/NSZ CISPR 22:2004</li> </ul>
<b>Product safety standards</b>	<ul style="list-style-type: none"> <li>• EC: EN 60950-1:01 (II)</li> <li>• US: UL 60950-1:03 (III)</li> <li>• IEC 60950-1</li> <li>• CAN/CSA-C22.2 No.60950-1-03 (2003)</li> </ul>

## CONTACTS

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