

# NVC1000

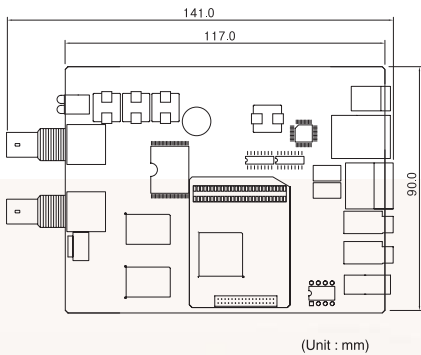
1 CH D1 Network Video Encoder / Decoder (H.264) - TI's DaVinci based

**NEW**



- Network Video Converter (Encoder / Decoder Selectable)
- 1 ch H.264 D1 Network Video Encoder, 1 ch 2-way Audio
- 1 ch D1 Dual Stream Support
- Transmitting Video Stream up to 25/30 FPS@D1
- Video Compression : H.264, MPEG-4, MJPEG
- De-interlacing
- Audio Compression : G.711
- RS-232C, RS-485 Support
- USB 2.0 Support (for Wireless LAN, External Storage)
- OSD, OFD (On Front Display), VMD, NRF Support
- SD Memory
- PCMCIA Support (in the future)
- Unicast / Multicast
- Providing only SDK, not Complete Application Software

## Dimension



## Specifications

<b>Video</b>	
<b>Input</b>	1 ch
<b>Output</b>	1 Loop Out
<b>Compression</b>	H.264, MPEG-4, MJPEG
<b>Resolution</b>	D1, 2CIF, CIF, QCIF
<b>Compression FPS</b>	25/30 fps@D1
<b>Audio</b>	
<b>Input</b>	1 ch
<b>Output</b>	1 ch
<b>Compression</b>	G.711
<b>Function</b>	
<b>Network</b>	10 / 100 Base-T
<b>Digital Input / Output</b>	2 / 2 ch
<b>RS-485 / 422</b>	Support
<b>RS-232C</b>	Support
<b>De-interlacing</b>	Support
<b>Motion Detection</b>	Support (DSP)
<b>OSD / OFD</b>	Support (DSP)
<b>NRF</b>	Support (DSP)
<b>Video Stream Encryption</b>	AES
<b>Protocol</b>	SNTP, DHCP, UDP, TCP, RTP, RTSP (Unicast, Multicast)
<b>Power over Ethernet</b>	Optional

## Powered By VCA Technology

NVC1000 will contain VCA functionality in the near future. This robust and accurate Video Content Analysis upgrades your video surveillance solution and minimizes system bandwidths and central processing requirements by moving the intelligence to the 'edge' of the system.

### 1 Intelligent video detection

**MARKETS**  
Commercial, government, transport, education, banking & retail

**APPLICATIONS**  
Perimeter surveillance, intruder detection  
parked vehicle detection, abandoned object detection, object counting and object removal detection

### 2 Accurate and reliable VCA functions inside the hardware

- Advanced tracking engine with precise true-alarm and false-alarm performance
- Multiple detection zones & alarm levels
- Behavioral filters include: direction, stopping time, size, speed and aspect ratio
- Designed for indoor and outdoor use
- Less than 30% DSP load

### 3 Easy installation and operation with less effort

- Web browser interface
- Plug and play : immediately works as an intrusion detector without any setup
- Automatically detects human and vehicle objects and rejects others
- Can be used with PTZ and multiplexed switched video
- Intuitive interface for easy set-up of advanced features