

Operating Description

1.1. Overview

The NVC100/110 is a state-of-the-art network video camera (and simultaneously a 1-channel A/V server) which transmits both video and audio data in real time with high resolution at a high frame rate. This is possible through MPEG4 CODEC technology, which provides data transmission at high compression rates with high data resolution via networks. The NVC100/110 can be connected, controlled, and monitored from a remote location through an IP address. Unlike CCTV or DVR, the NVC100/110 is easy to install and also cuts costs and space without any additional installation. Based on Embedded Software Solution (Embedded Web Server, Embedded Streaming Server, Network Protocol), the NVC100/110 ensures high performance and stability and provides integration of various Internet solutions.

1.2. Features of NVC100/110

- 1 channel real time audio/video streaming based on **MPEG4 video and ADPCM audio**.
- 1 channel bi-directional audio between the 100/110 and the client PC for two-way communication
- The viewer assists **recording and playback functions**.
- 1-alarm sensor input/1 relay output
- Motion detection (Up to 3 motion detection regions)
Motion detection can initiate video recording, which is sent to the user through the FTP and (or) E-mail.
- Resolution:
 - NTSC Video: 640x480 (VGA, for still image/small motion), 640x240, 320x240 (QVGA)
 - PAL/SECAM: 704x576 (for still image/small motion), 704x288, 352x288 (CIF)
- Remote P/T/Z control
- Remote software upgrade over network
- Easy to use with a convenient user interface

1.3. Applications of NVC100/110

- Security surveillance (buildings, stores, factories, parking lots, banks, government facilities, military, etc.)
- Real time Internet broadcasting (resort areas, events, etc.)
- Remote monitoring (hospitals, kindergartens, traffic, public areas, etc.)