NVS-3002

2 Channel Network Video Server

- H.264+/H.264 dual-stream video compression
- Supports HD-AVS/AHD/TVI/CVBS/ and IP video inputs
- Supports high quality two-way talk
- 128GB Micro SD card Support

System Overview

IC Realtime's newest Network Video Servers now incorporate penta-brid access technology such as HDCVI, AHD, TVI, CVBS and IP cameras. The new hardware also supports H.264+/H.264/MJPEG encoding, a 128GB SD card and 2 way talk.

Designed as a full compatibility Encoder, the NVS-3002 supports 2 channel input of HDCVI/AHD/TVI/CVBS at 1080p up to 30fps, enabling you to add coax cameras to your NVR.

Functions

Smart H.264+
Smart Codec, H.264+ can reduce up to 70% bit rate and storage requirements without having to invest in new cameras.

HDCVI/AHD/TVI/CVBS Auto-detect
The NVS can auto-recognize the signal of a camera without any configuration needing to be done. It makes operations friendlier and more convenient.

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX
Operation Interface	No local interface, Web GUI operation only

Recording

Video Compression	H.264+/H.264/MJPEG
Audio Compression	G.711A, G.711U, PCM

Video

IP Video Input	2 Channel, each channel up to 5MP
AVS Camera Input	2 Channel, BNC
Video Out	1 TV Out, reuse Audio Out
Resolution	1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream:CIF/QCIF(1~25/30fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Privacy Masking	With an any size area for shelter protection in full screen, 4 rectangular zones (each camera)

Audio

Input	2
Output	1
Two-way Talk	1 Mic In, reuse Audio Out
Sample Rate	8KHz, Two-way Talk(48KHz)
Bit Rate	64Kbps, Two-way Talk(384Kbps)

Storage

Storage Mode	128GB Micro SD, Network

Third-party Support

Third-party Support	IC Realtime, Clearview, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Dahua, Sanyo, Sony, Videotec, Vivotek, and more

Video Detection & Alarm

SD Card	1 Port
Alarm In/Out	4/2
Network Port	1 RJ45 Port, 10M/100M self-adaptive Ethernet interface
RS485	1 Port, for PTZ Control
RS232	1 Port, for PC Communication and Keyboard
Indicator Light	ACT/NET/ALM/VIDEO

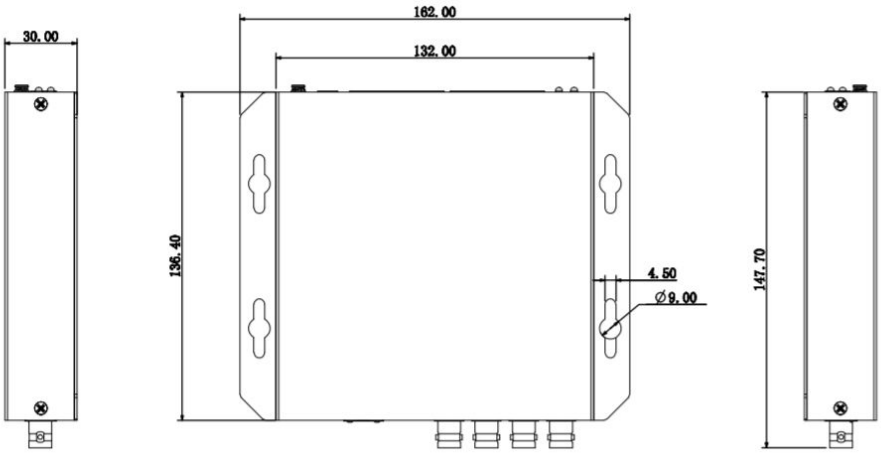
General

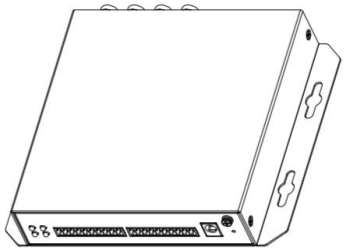
Power Supply	DC 12V/2A
Power Consumption	<10W
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Dimensions	136mm×162mm×30mm (5.4" x 6.4" x 1.2")
Net Weight	0.57kg (1.26lb)
Gross Weight	1kg (2.2lb)
Installation	Desktop installation

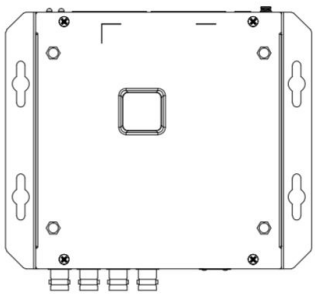
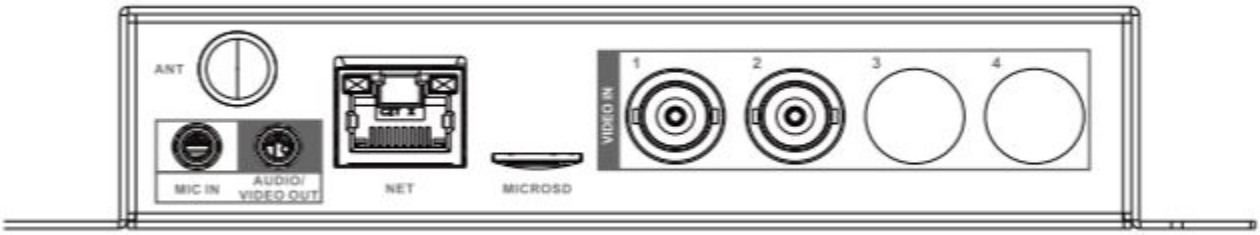
Certifications

Certifications	FCC: CFR 47 Part 15 subpart B, 2016 CE: EN 55032:2015, EN 55024:2010+A1:2015, EN 50130-4:2011+A1:2014, EN 61000-3-3:2014, EN 61000-3-3:2013 UL: 60950-1 & CAN/CSA C22.2 No. 60950-1-07

Dimensions (mm/in)







Panels