

AV6000NS

Full HD Video Codec Module
High-performance Network HD DVR Solution

Live Display and PTZ Control UI



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

Contents

- Product Overview
- Hardware Specification
- Live Display UI
- PTZ Control UI
- Ordering Information

Product Overview

AV6000NS Full HD Video Codec Module

- Full HD (1080i) Video Encoding/Decoding Service Features
- Video Codec : H.264 HP/MP/BP AVC Video Codec
- Video Input Interface : HDMI, HD-SDI, Analog (NTSC, PAL)
- Video Output Interface : HDMI, HD-SDI, Analog (NTSC, PAL)
- Dual Bit Streaming Support
- Full HD Subtitle Generator Service Support
- RTSP/RTP, TCP/UDP Protocol Support
- IP based Network Surveillance Solution
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Web based Management Service
- AP-NC2000D, AP-NC2000, AP-NC3000, AP-NC5000 Platform Available

Hardware Specification

AV6000NS Full HD Video Codec Module

RISC
CPU

High-End
VP

- **RISC + Video Processor Computing Power**
- **AV6000NS Video Module**
 - **Network Interface**
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - **Video Interface**
 - One(1) Channel HD-SDI Input
 - One(1) Channel HDMI Input
 - One(1) Channel CVBS Input or Output (selected by DIP Switch)
 - One(1) Channel HD-SDI Output
 - One(1) Channel HDMI Output
 - **One(1) RS-232 Console Interface (RJ45)**
 - **Camera Control Interface**
 - One(1) RS-232C, RS422, RS485 Interface for External Camera Control
 - **I/O Interface**
 - Two(2) Alarm Input /One(1) Relay Out

Hardware Specification

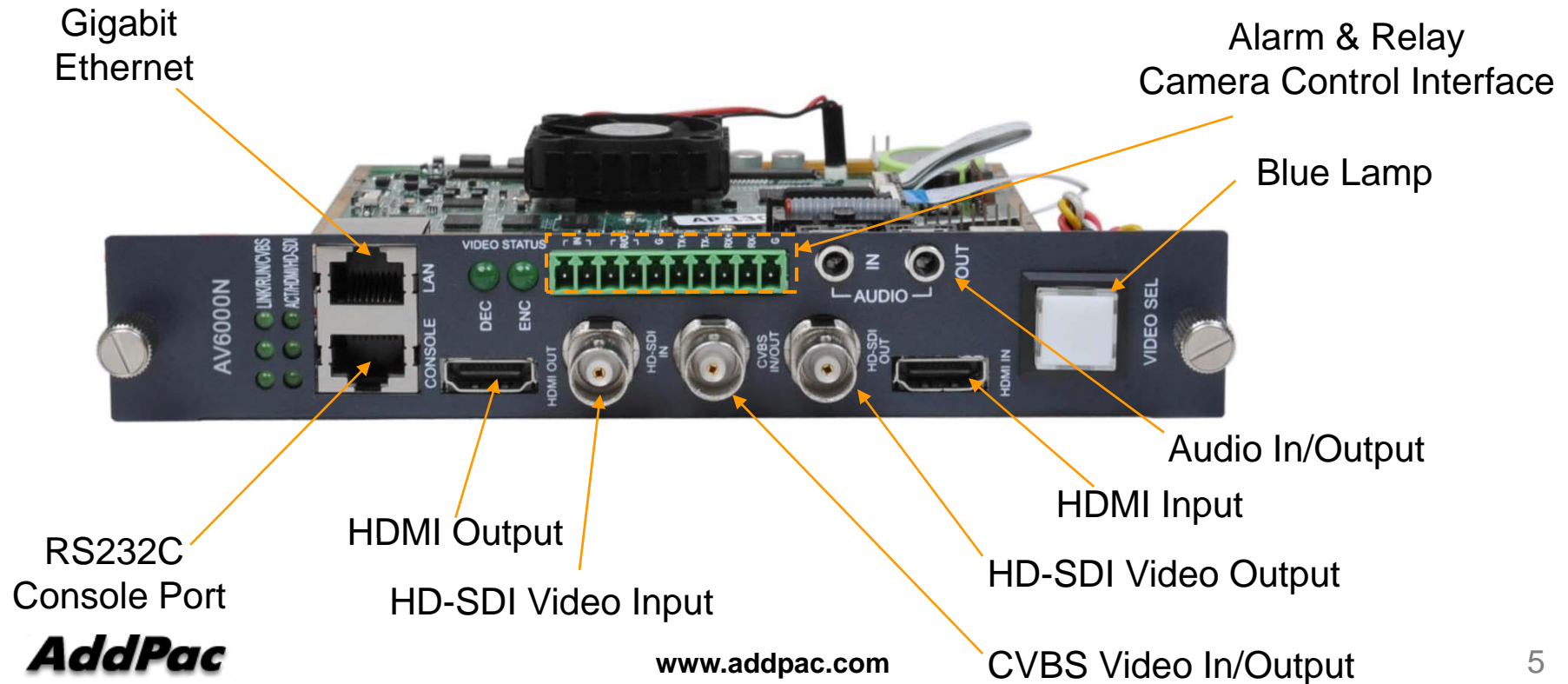
AV6000N Full HD Video Codec Module

RISC
CPU

High-End
VP

Hardware Module Specification

AV6000N HD Video Encoder/Decoder Module(H.264)



Hardware Specification

AV6000NS Full HD Video Codec Module

Hardware Specification

AP-NC2000D Front View



AV6000NS HD Video Module



Power On/Off Switch
www.addpac.com

DC Power Supply

Live Display Control UI

AV6000NS Full HD Video Codec Module

Smart Web Manager
www.addpac.com

System

- Language
- Network Setup
- System Time
- NTP
- File Browser

RTSP Basic

- Audio/Video
- RTSP
- RTP

Advanced

- Video Port
- Audio Port
- Service

Miscellaneous

- PTZ
- Ping
- Gratuitous ARP

RTSP Setup

RTSP Operation Server (Encoder) Client (Decoder)

RTSP Port Number (default 554, 1-65535)

RTSP Server start stop restart

RTSP Stream

Index	URL	Video Channel	Audio Channel	View
<input type="checkbox"/> 1	<input type="text" value="video1"/>	<input type="text" value="video0/0:0"/>	<input type="text" value="audio0/0"/>	LIVE
<input type="checkbox"/> 2	<input type="text" value="video2"/>	<input type="text" value="video0/0:1"/>	<input type="text" value="audio0/0"/>	LIVE
<input type="checkbox"/> 3	<input type="text" value="video3"/>	<input type="text" value="video0/0:2"/>	<input type="text" value="audio0/0"/>	LIVE
<input type="checkbox"/> 4	<input type="text" value="v4"/>	<input type="text" value="video0/0:3"/>	<input type="text" value="audio0/0"/>	LIVE

Delete

Insert RTSP Stream

Index(1-256)	URL	Video Channel	Audio Channel	
<input type="text"/>	<input type="text"/>	<input type="text" value="none"/>	<input type="text" value="none"/>	Insert

Apply

Information

AddPac Technology
Model : AV6000NS_G2
H/W Version : 1.0
S/W Version : 8.50.028
Smart Web Version : 8.41.0.3
Smart Web Build : Apr 11 2018
Network : Static 172.17.205.117
Mac Address: 0002.a400.0000

Description

Configure the basic settings for the RTSP operation

Click the "Live"

©AddPac Tehchnology , all rights reserved.

Live Display Control UI

AV6000NS Full HD Video Codec Module

The screenshot displays the 'Smart Web Manager' interface for the AV6000NS Full HD Video Codec Module. The main content area is titled 'RTSP Setup' and includes the following sections:

- RTSP Operation:** Radio buttons for 'Server (Encoder)' (selected) and 'Client (Decoder)'. The 'RTSP Port Number' is set to 554 (default 554, 1-65535).
- RTSP Server:** Radio buttons for 'start' (selected), 'stop', and 'restart'.
- RTSP Stream Table:**

Index	URL	Video Channel	Audio Channel	View
<input type="checkbox"/> 1	video1	video0/0:0	audio0/0	LIVE
<input type="checkbox"/> 2	video2	video0/0:1	audio0/0	LIVE
<input type="checkbox"/> 3	video3	video0/0:2	audio0/0	LIVE
<input type="checkbox"/> 4	v4	video0/0:3	audio0/0	LIVE
- Insert RTSP Stream:** A section with an 'Index(1-256)' input field and an 'Apply' button.

On the right side, there is an 'Information' panel with details such as 'AddPac Technology', 'Model: AV6000NS_G2', 'HW Version: 1.0', 'SW Version: 8.50.028', 'Smart Web Version: 8.41.0.3', 'Smart Web Build: Apr 11 2018', 'Network: Static 172.17.205.117', and 'Mac Address: 0002.a400.0000'. Below it is a 'Description' panel stating 'Configure the basic settings for the RTSP operation'.

A video player popup is overlaid on the interface, showing a live video feed of a hallway with a sign that reads '경고 (통제구역)' (Warning - Restricted Area). The player has a title bar with '팟플레이어 [MOD] video2' and a yellow '방송하기' (Broadcast) button. The video player controls at the bottom show a play button, a progress bar at 00:00:00 / 00:00:00, and a 360-degree rotation icon.

Popup the "Free Video Player Program". Free video player program should be pre-installed on web browser PC

PTZ Control UI

AV6000NS Full HD Video Codec Module

The screenshot shows the 'Smart Web Manager' interface for the AV6000NS Full HD Video Codec Module. The interface is divided into several sections:

- System:** Language, Network Setup, System Time, NTP, File Browser.
- RTSP Basic:** Audio/Video, RTSP, RTP.
- Advanced:** Video Port, Audio Port, Service.
- Miscellaneous:** PTZ, Ping, Gratuitous ARP.

The main content area is titled 'Camera PTZ' and contains a control panel with buttons for Zoom (+/-), Home, and Focus (+/-). A yellow arrow points to the 'PTZ' option in the 'Miscellaneous' menu.

Information: AddPac Technology, Model: AV6000NS_G2, H/W Version: 1.0, S/W Version: 8.50.028, Smart Web Version: 8.41.0.3, Smart Web Build: Apr 11 2018, Network: Static 172.17.205.117, Mac Address: 0002.a400.0000.

Description:

©AddPac Tehchnology , all rights reserved.

Click the "PTZ"



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com