

# Smart Web Manager for Full HD Transmission Video Codec AV3500



**AddPac**

**AddPac Technology**

2010, Sales and Marketing

[www.addpac.com](http://www.addpac.com)

# Contents

- Main Page Layout
- System Configuration
  - Network Setup, Language, NAT
- Basic Configuration
  - Audio/Video, RTSP, RTP
- Advanced Configuration
  - Video Port, Audio Port, Service, Filtering
- Miscellaneous Configuration
  - Ping

# Main Page Layout

The screenshot shows the Smart Web Manager interface with the following components and callouts:

- Main Menu (Left):** A vertical sidebar menu with categories: System (Network Setup, Language, NTP), Basic (Audio/Video, RTSP, RTP), Advanced (Video Port, Audio Port, Service, Filtering), and Miscellaneous (Ping).
- Main Menu (Top Right):** A set of icons for system settings, help, and other functions.
- System Information (Center):** A table displaying system details.

HW Version	REV 1.0
SW Version	8.52T18
MAC Address	0002.a4ff.f428
Network Information	Static 172.16.54.61
WAN LINK Status	100Mbps FULL Duplex Link UP
Current Time	Sat Jan 1 05:30:34 2011
System Startup Time	Sat Jan 1 00:00:00 2011
System Running Time	0 days 05:30:34
- Information (Right):** A box displaying system version and status summary, including model, versions, and network details.
- Description (Right):** A box for displaying help messages when hovering over the main menu.
- Workspace (Bottom Center):** A box indicating the current workspace is System Information.

©AddPac Tehchnology , all rights reserved.

# System – Network Setup

**Smart Web Manager**  
www.addpac.com

## Network Setup

**Host Name**  
Create a representative name for the site to be installed

• NTP

**Static IP**  
This is static IP mode. Specify the addressed IP from the service provider

• PPPoE

**PPPoE**  
This is ADSL mode. This mode is used for addressing IP though authentication from the modem.  
At this time, the modem must be configured in a way that the device can be authenticated.

• DHCP

**DHCP**  
This is dynamic IP mode which is set at default. The IP can addressed from the external DHCP server.

• Ping

**WAN Link**  
Controls and recognizes WAN port  
Specify the connection speed of WAN port. connection automatically.

**QoS Control**  
Supported by Bandwidth and PPS(Packet Per Second) conditions.

**MAC**  
Change MAC address of WAN interface. Without address entry, use the basic MAC Address.

**Information**  
AddPac Technology  
Model : AV3500\_G2  
HW Version : 1.0  
SW Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

**Description**  
This command sets up WAN port. The static IP address is to be assigned from the service provider and you can enter the assigned IP address. For DHCP and PPPoE, the IP address of the device can be changed. MAC Address change can be used only when necessary . It is recommended to use the address created by the user not the address of the device

Hostname: NetworkCamera

IP Address: 172.16.54.61 A.B.C.D  
Network Mask: 255.255.0.0 A.B.C.D  
Default Router: 172.16.1.1 A.B.C.D  
DNS Server: Primary DNS Server  
Secondary DNS Server

Static IP (selected)

PPPoE(ADSL)  
Username: Password:

DHCP

WAN Link Control: Auto (selected)  
Manual  
Speed: 100 (selected), 10  
Duplex: full (selected), half

MAC(Hardware) Address: [ ][ ][ ][ ][ ][ ]

QoS Control:  Enable QoS (optional)  
Bandwidth: Kbps (default auto, 48-4096)  
PPS: pps (default auto, 50-2000)

Apply

# System - Language

Smart Web Manager  
www.addpac.com

## Configure Language

한국어  
 English

Apply

**Configure Language**  
English, Korea

**Information**  
AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address : 0002.a4ff.f428

**Description**  
Choose the basic language to be applied. English is set at default.

©AddPac Tehchnology , all rights reserved.

# System - NTP

The screenshot shows the Smart Web Manager interface for NTP configuration. The left sidebar contains a menu with categories: System (Network Setup, Language, NTP), Basic (Audio/Video, RTSP, RTP), Advanced (Video Port, Audio Port, Service, Filtering), and Miscellaneous (Ping). The main content area is titled 'NTP' and includes a red dashed callout box around the configuration fields. Below the callout is an 'Apply' button. On the right, there are 'Information' and 'Description' panels. A yellow callout box points to the 'Apply' button with the following text:

**NAT Static Table**  
When many PCs are connected to LAN, create a table for delivering TCP/UDP port to PC

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- Audio/Video
- RTSP
- RTP

**Advanced**

- Video Port
- Audio Port
- Service
- Filtering

**Miscellaneous**

- Ping

**NTP**

Enable  Disable

Primary Server  (Domain Name or IP Address)

Secondary Server  (Domain Name or IP Address)

Interval  (1~72 hours)

Hours Offset  :  (-23~23 hours) : (0~60 minute)

**Information**

AddPac Technology  
Model : AV3500\_G2  
HW Version : 1.0  
SW Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

**Description**

Set up Time Saver of Gateway

©AddPac Tehchnology , all rights reserved.

# Basic – Audio/Video

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- **Audio/Video**
- RTSP
- RTP

**Advanced**

- Video Port
- Audio Port
- Service
- Filtering

**Miscellaneous**

- Ping

**Audio / Video Setup**

**Video Input**  NTSC  PAL

**Video setup**

Channel	Codec	Bandwidth(kbps)	Picture size	Frame rate(fps)	I-frame Interval(second)	Max-conn
video0/0:0	h264	1024	720x480	30	1	
video0/0:1	h264	1024	640x480	30	1	

**Audio setup**

Channel	Codec
audio0/0	g711u

Apply

**Video Input**  
Video Input Select  
HD-SDI, HDMI, Composite

**Video Setup**  
Channel Video 0/0:0, Video 0/0:1  
Setup Codec, Bandwidth, Picture Size,  
Frame Rate, I-Frame Interval in  
accordance with channel.

**Audio Setup**  
Setup Channel Audio 0/0 Sound and  
Codec

**Information**

AddPac Technology  
Model : AV3500\_G2  
HW Version : 1.0  
SW Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address : 0002.a4ff.f428

**Description**

©AddPac Tehchnology , all rights reserved.

# Basic – RTSP(Server)

**Smart Web Manager**  
www.addpac.com

## RTSP Setup

**RTSP Operation**  
Setup RTSP Operation  
Select Server(Encoder)/Client(Decoder) and Setup.

**RTSP Port Number**  
Setup RTSP Port  
(Default : 554)

**RTSP Server**  
You may setup server movement when RTSP Operation is setup as server(Encoder)  
Start / Stop / Restart

**RTSP Stream**  
You may setup currently enabled RTSP Stream URL and channel information. Select Live video, select video in web. You may check through Smart Viewer.

**RTSP Operation**  
 Server (Encoder)  Client (Decoder)

**RTSP Port Number**  (default 554, 1-65535)

**RTSP Server**  start  stop  restart

Index	URL	Video Channel	Audio Channel
<input type="checkbox"/> 1	<input type="text" value="video1"/>	<input type="text" value="video0/0:0"/>	<input type="text" value="none"/>
<input type="checkbox"/> 2	<input type="text" value="video2"/>	<input type="text" value="video0/0:1"/>	<input type="text" value="none"/>

**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"/>

Apply

©AddPac Tehchnology , all rights reserved.

**Information**  
AddPac Technology  
Model : AV3500\_G2  
HW Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address : 0002.a4ff.f428

**Description**  
Configure the basic settings for the RTSP operation

**Insert RTSP Stream**  
Setup RTSP stream.  
Enter RTSP Stream Video/Audio Channel, URL and setup Stream Session



# Basic – RTSP(Decoder)

The screenshot shows the 'RTSP Setup' page in the Smart Web Manager. The page is titled 'RTSP Setup' and includes a sidebar with navigation options: System (Network Setup, Language, NTP), Advanced (Video Port, Audio Port, Service, Filtering), and Miscellaneous (Ping). The main content area is divided into sections: 'RTSP Operation' with radio buttons for 'Server (Encoder)' and 'Client (Decoder)'; 'RTSP Port' with a text input field containing '554'; 'RTSP Client' with options for 'Video output' (HD-SDI, HDMI, composite), 'Remote IP address' (A.B.C.D), 'Session name', 'Media transport' (RTP over UDP, RTP over RTSP), and 'RTSP client run' (start, stop). An 'Apply' button is at the bottom left. Three yellow callout boxes provide instructions: 'RTSP Operation' (Setup RTSP operation, Select server(Encoder)/Client(Decoder) and setup.), 'RTSP Port Number' (You may setup RTSP Port (Default : 554)), and 'Insert RTSP Stream' (You may setup RTSP stream. Enter RTSP stream Video/Audio Channel, URL and setup stream session).

**RTSP Operation**  
Setup RTSP operation  
Select server(Encoder)/Client(Decoder) and setup.

**RTSP Port Number**  
You may setup RTSP Port  
(Default : 554)

**Insert RTSP Stream**  
You may setup RTSP stream.  
Enter RTSP stream Video/Audio Channel, URL  
and setup stream session

Smart Web Manager  
www.addpac.com

System  
• Network Setup  
• Language  
• NTP

Advanced  
• Video Port  
• Audio Port  
• Service  
• Filtering

Miscellaneous  
• Ping

**RTSP Setup**

RTSP Operation  Server (Encoder)  Client (Decoder)

RTSP Port

RTSP Client

Video output  HD-SDI  HDMI  composite

Remote IP address  (A.B.C.D)

Session  
Session name

Media transport  RTP over UDP  RTP over RTSP

RTSP client run  start  stop

Apply

Information  
AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

Description  
Configure the basic settings for the RTSP operation

©AddPac Tehchnology , all rights reserved.

# Advance – Video Port

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- Audio/Video
- RTSP
- RTP

**Advanced**

- **Video Port**
- Audio Port
- Service
- Filtering

**Miscellaneous**

- Ping

**Video Port Configuration**

Select Video Port  video0/0

Input Select  HD-SDI  HDMI  Composite  SD-SDI

Input Brightness  (default 128, 0-255)

Input Contrast  (default 64, 0-127)

Input H-offset  (default 8, 2-254)

Input V-offset  (default 19, 1-255)

Apply

**Select Video Port**  
Select video port and setup

**Video Port Configuration**  
Setup video input / output port detail setup

**Information**

AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

**Description**

©AddPac Tehchnology , all rights reserved.

# Advance – Audio Port

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- Audio/Video
- RTSP
- RTP

**Advanced**

- Video Port
- **Audio Port**
- Service
- Filtering

**Miscellaneous**

- Ping

**Audio Port Configuration**

Select Audio Port  audio0/0

Input Select  mic  line  SDI (default mic)

**Select Audio Port**  
Select audio port and setup

**Audio Port Configuration**  
Setup Audio Input / Output Port

**Information**

AddPac Technology  
Model : AV3500\_G2  
HW Version : 1.0  
SW Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address : 0002.a4ff.f428

**Description**

©AddPac Tehchnology , all rights reserved.

# Advance - Service

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- Audio/Video
- RTSP
- RTP

**Advanced**

- Video Port
- Audio Port
- **Service**
- Filtering

**Miscellaneous**

- Ping

**Service**

**Application Services**

- Enable Telnet      Server Port:  (default 23, 1-65535)
- Enable HTTP      Server Port:  (default 80, 1-65535)
- Enable FTP      Control Port:  (default 21, 1-65535)  
Data Port:  (default 20, 1-65535)

Apply

**Information**

AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

**Description**

Enable or disable Telnet, HTTP, FTP and specify the access port and Call Hold/Transfer and Timer.

©AddPac Tehchnology , all rights reserved.

# Advance - Filtering

**Smart Web Manager**  
www.addpac.com

**Filter**  
Configure application service filter with IP & Subnet mask.

**System**

- Network Setup
- Language
- NTP

**Basic**

- RTSP

**Advanced**

- Video Port
- Audio Port
- Service
- **Filtering**

**Miscellaneous**

- Ping

**Filter**

**FTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**HTTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Telnet Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Information**

AddPac Technology  
Model : AV6000\_G2  
HW Version : 1.0  
SW Version : 8.28f  
Smart Web Version : 8.41.0.3  
Smart Web Build : Jun 1 2011  
Network : Static 172.16.54.110  
Mac Address: 0002.a4ff.fa00

**Description**

For FTP, HTTP, Telnet, set up one IP or IP band for allowing access

©AddPac Tehchnology , all rights reserved.

# Advance - Filtering

**Filter**  
Configure application service filter with IP & Subnet mask.

**Smart Web Manager**  
www.addpac.com

**System**

- Network Setup
- Language
- NTP

**Basic**

- Audio/Video
- RTSP
- RTP

**Advanced**

- Video Port
- Audio Port
- Service
- **Filtering**

**Miscellaneous**

- Ping

**Filter**

**FTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**HTTP Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Telnet Filter**

Network Addr	Network Mask	Control
<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

**Information**

AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address: 0002.a4ff.f428

**Description**

For FTP, HTTP, Telnet, set up one IP or IP band for allowing access

©AddPac Tehchnology , all rights reserved.

# Miscellaneous - Ping

The screenshot shows the 'Smart Web Manager' interface with the 'Ping' utility selected. The interface includes a left sidebar with navigation menus for System, Basic, Advanced, and Miscellaneous. The main content area displays the 'Ping' utility with a 'Host address' field containing '172.16.1.1' and a 'Start' button. Below the input field, the output of the ping command is shown, including packet details and statistics. Two yellow callout boxes provide instructions: one at the top says 'PING You can diagnose network status by PING.' and one at the bottom says 'PING Show real time ping status.' The right sidebar contains 'Information' and 'Description' sections.

**Smart Web Manager**  
www.addpac.com

**Ping**

Host address:

PING 172.16.1.1 (172.16.1.1): 56 data bytes  
64 bytes from 172.16.1.1: icmp\_seq=0 ttl=255 time=0 ms  
64 bytes from 172.16.1.1: icmp\_seq=1 ttl=255 time=0 ms  
64 bytes from 172.16.1.1: icmp\_seq=2 ttl=255 time=0 ms  
64 bytes from 172.16.1.1: icmp\_seq=3 ttl=255 time=0 ms  
64 bytes from 172.16.1.1: icmp\_seq=4 ttl=255 time=0 ms

--- 172.16.1.1 ping statistics ---  
5 packets transmitted, 5 packets received, 0% packet loss  
round-trip min/avg/max = 0/0/0 ms

**Information**  
AddPac Technology  
Model : AV3500\_G2  
H/W Version : 1.0  
S/W Version : 8.52T18  
Smart Web Version : 8.41.0.3  
Smart Web Build : Oct 13 2011  
Network : Static 172.16.54.61  
Mac Address : 0002.a4ff.f428

**Description**  
Verify the outgoing Ping to the outside from the device by entering IP address and URL  
Verify network status of the location in where the terminal is located

©AddPac Tehchnology , all rights reserved.

FULL HD Video Codec

**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