

Smart Web Manager for Full HD Transmission Video Codec AV6000N



AddPac

AddPac Technology

2014, Sales and Marketing

www.addpac.com

Contents

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

Main Page Layout

Main Menu
For easy system setup, provide the various menu and category

Main Menu
For easy system setup, provide the various menu and category

Information
Display the current system version and status summary

Description
Display the help message if you move mouse over main menu

Workspace
System Information
Workspace for detailed action

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System

- Network Setup
- Language
- NTP

Basic

- Audio/Video
- RTSP
- RTP

Advanced

- Video Port
- Audio Port
- Service
- Filtering

Miscellaneous

- Ping

System Information

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

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

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System – Network Setup

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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
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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

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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.

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System - NTP

The screenshot shows the 'Smart Web Manager' interface with the 'NTP' configuration page selected. The page includes a sidebar with navigation options (System, Basic, Advanced, Miscellaneous) and a main content area for NTP settings. A red dashed box highlights the NTP configuration fields, and 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

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System

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- 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)

Apply

Information

AddPac Technology
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Mac Address: 0002.a4ff.f428

Description

Set up Time Saver of Gateway

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Basic – Audio/Video

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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

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
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Smart Web Version : 8.41.0.3
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Description

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Basic – RTSP(Server)

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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

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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 has a sub-header 'RTSP Operation'. The 'RTSP Operation' section has two radio buttons: 'Server (Encoder)' and 'Client (Decoder)', with 'Client (Decoder)' selected. Below this is the 'RTSP Port' field, which contains the value '554'. The 'RTSP Client' section includes 'Video output' (with radio buttons for HD-SDI, HDMI, and composite), 'Remote IP address' (with a text input field and '(A.B.C.D)' label), 'Session name' (with a text input field), 'Media transport' (with radio buttons for RTP over UDP and RTP over RTSP), and 'RTSP client run' (with radio buttons for start and stop). An 'Apply' button is at the bottom left. On the right, there is an 'Information' section with system details and a 'Description' section with the text 'Configure the basic settings for the RTSP operation'. Three yellow callout boxes provide instructions: one for the RTSP Port Number, one for RTSP Operation, and one for Insert RTSP Stream.

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

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

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

Advance – Video Port

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System

- Network Setup
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- NTP

Basic

- Audio/Video
- RTSP
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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

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Advance – Audio Port

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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

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Advance - Service

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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.

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Advance - Filtering

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

System

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Basic

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- Video Port
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- Service
- **Filtering**

Miscellaneous

- Ping

FTP Filter

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

HTTP Filter

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

Telnet Filter

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

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Advance - Filtering

Filter
Configure application service filter with IP & Subnet mask.

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System

- Network Setup
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Basic

- Audio/Video
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- **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

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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

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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.

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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

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Smart Web Version : 8.41.0.3
Smart Web Build : Oct 13 2011
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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

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FULL HD Video Codec

Thank you!

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