

Smart Web Manager for HD IP Box Cameras



AddPac

AddPac Technology

2012, Sales and Marketing

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 displays the Smart Web Manager interface with the following components and callouts:

- Main Menu (Left):** A vertical sidebar containing four expandable categories: System, Basic, Advanced, and Miscellaneous. Each category lists sub-items. A callout box points to this sidebar with the text: "Main Menu For easy system setup, provide the various menu and category".
- Main Menu (Top Right):** A set of icons in the top right corner representing different system functions. A callout box points to these icons with the text: "Main Menu For easy system setup, provide the various menu and category".
- System Information (Center):** A large table displaying system details. A callout box points to this table with the text: "Information Display the current system version and status summary".
- Information (Right):** A panel on the right side showing detailed system information. A callout box points to this panel with the text: "Information Display the current system version and status summary".
- Description (Right):** A panel on the right side showing a description. A callout box points to this panel with the text: "Description Display the help message if you move mouse over main menu".
- Workspace (Bottom):** A footer area at the bottom of the page. A callout box points to this area with the text: "Workspace System Information Workspace for detailed action".

Item	Value
H/W Version	REV 1.0
S/W Version	8.28h
MAC Address	0002.a4ff.f6f5
Network Information	Static 172.17.1.32
WAN LINK Status	100Mbps FULL Duplex Link UP
Current Time	Mon Oct 17 11:41:32 2011
System Startup Time	Wed Oct 5 21:01:21 2011
System Running Time	11 days 14:40:11

©AddPac Technology, all rights reserved.

System – Network Setup

The screenshot shows the 'Smart Web Manager' interface for network configuration. The 'Network Setup' tab is active, displaying various configuration fields. Red dashed boxes and dotted lines connect these fields to explanatory text boxes on the left and bottom right.

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

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

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

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

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

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

Smart Web Manager
www.addpac.com

Network Setup

Hostname: ENCODER-172_17_1_

☒ Static IP

IP Address: 172.17.1.32 A.B.C.D
Network Mask: 255.255.0.0 A.B.C.D
Default Router: 172.17.1.1 A.B.C.D
DNS Server: 168.126.63.1 Primary DNS Server
168.126.63.2 Secondary DNS Server

☐ PPPoE(ADSL)

Username:
Password:

☐ DHCP

WAN Link Control: ☐ Auto ☒ Manual

Speed: ☒ 100 ☐ 10
Duplex: ☒ full ☐ half

MAC(Hardware) Address: -----

☒ Apply

Information
AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

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

©AddPac Tehonology , all rights reserved.

System - Language

Smart Web Manager
www.addpac.com

System

- Network Setup
- **Language**
- NTP

Basic

- Audio/Video
- RTSP
- RTP

Advanced

- Video Port
- Service
- Filtering

Miscellaneous

- Ping

Configure Language

☐ 한국어

☒ English

✓ Apply

Configure Language
English, Korean Settings

Information

AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description

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

©AddPac Tehonology , all rights reserved.

System - NTP

Smart Web Manager
www.addpac.com

System
• Network Setup
• Language
• NTP

Basic
• Audio/Video
• RTSP
• RTP

Advanced
• Video 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)

☒ Apply

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

Information
AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
SW Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description
Set up Time Saver of Gateway

©AddPac Tehonology , 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 Tehnology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description

©AddPac Tehchnology , all rights reserved.

Basic – RTSP(Server)

The screenshot displays the 'RTSP Setup' page in the Smart Web Manager. The interface includes a sidebar with 'System' and 'Basic' tabs, and a main content area with various configuration fields and a table. Red dashed boxes highlight specific sections, and yellow callout boxes provide instructions for each.

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 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
<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="video1s"/>	<input type="text" value="video0/0:1"/>	<input type="text" value="none"/>

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 Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address : 0002.a4ff.f6f5

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

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 Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description

©AddPac Tehchnology , all rights reserved.

Advance – Audio Port

The screenshot displays the 'Smart Web Manager' interface for 'www.addpac.com'. The left sidebar contains a menu with sections: 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 'Audio Port Configuration'. It features two red dashed boxes: the top one highlights the 'Select Audio Port' section with a radio button selected for 'audio0/0'; the bottom one highlights the 'Input Select' section with radio buttons for 'mic', 'line', and 'SDI' (selected), followed by '(default mic)'. Below these is an 'Apply' button with a green checkmark. Two yellow callout boxes are present: one at the top right says 'Select Audio Port' and 'Select audio port and setup'; another at the bottom right says 'Audio Port Configuration' and 'Setup Audio Input / Output Port'. The right sidebar contains 'Information' (AddPac Tehonology, Model: AV3000_G2, H/W Version: 1.0, S/W Version: 8.28h, Smart Web Version: 8.41.0.3, Smart Web Build: May 9 2011, Network: Static 172.17.1.32, Mac Address: 0002.a4ff.f6f5) and a 'Description' section.

Smart Web Manager
www.addpac.com

Audio Port Configuration

Select Audio Port ☒ audio0/0

Input Select ☐ mic ☐ line ☒ SDI (default mic)

✓ Apply

Select Audio Port
Select audio port and setup

Audio Port Configuration
Setup Audio Input / Output Port

Information

AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

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
• Service
• Filtering

Miscellaneous
• Ping

Service

Application Services ⓘ

<input checked="" type="checkbox"/> Enable Telnet	Server Port	<input type="text" value="23"/> (default 23, 1-65535)
<input checked="" type="checkbox"/> Enable HTTP	Server Port	<input type="text" value="80"/> (default 80, 1-65535)
<input checked="" type="checkbox"/> Enable FTP	Control Port	<input type="text" value="21"/> (default 21, 1-65535)
	Data Port	<input type="text" value="20"/> (default 20, 1-65535)

✓ Apply

Service
Telnet , HTTP, FTP Enable/Disable , Port Number Setting
(Default Port - Telnet(23), HTTP(80), FTP(21))

Information

AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description

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

©AddPac Tehonology , all rights reserved.

Advance - Filtering

Smart Web Manager
www.addpac.com

Filter
Configure application service filter with IP & Subnet mask.

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
H/W Version : 1.0
S/W 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
- 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 Tehonology
Model : AV3000_G2
H/W Version : 1.0
S/W Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

Description

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

©AddPac Tehonology , all rights reserved.

Miscellaneous - Ping

The screenshot displays the 'Smart Web Manager' interface with the 'Ping' function selected in the 'Miscellaneous' menu. The main area shows a 'Host address' of '172.17.1.1' and a 'Start' button. Below this, the results of a ping test are displayed, showing five successful pings with 0ms response times. A red dashed box highlights the input field, the 'Start' button, and the resulting ping statistics. Two yellow callout boxes provide additional context: one at the top states 'PING You can diagnose network status by PING.' and another at the bottom states 'PING Show real time ping status.' The right sidebar contains 'Information' and 'Description' sections. The footer includes the copyright notice '©AddPac Tehonology , all rights reserved.'

Smart Web Manager
www.addpac.com

System

- Network Setup
- Language
- NTP

Basic

- Audio/Video
- RTSP
- RTP

Advanced

- Video Port
- Service
- Filtering

Miscellaneous

- Ping

Ping

Host address: 172.17.1.1 Start

PING 172.17.1.1 (172.17.1.1): 56 data bytes
64 bytes from 172.17.1.1: icmp_seq=0 ttl=255 time=0 ms
64 bytes from 172.17.1.1: icmp_seq=1 ttl=255 time=0 ms
64 bytes from 172.17.1.1: icmp_seq=2 ttl=255 time=0 ms
64 bytes from 172.17.1.1: icmp_seq=3 ttl=255 time=0 ms
64 bytes from 172.17.1.1: icmp_seq=4 ttl=255 time=0 ms

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

Information

AddPac Tehonology
Model : AV3000_G2
H/W Version : 1.0
SW Version : 8.28h
Smart Web Version : 8.41.0.3
Smart Web Build : May 9 2011
Network : Static 172.17.1.32
Mac Address: 0002.a4ff.f6f5

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 Tehonology , all rights reserved.

HD IP Box Cameras

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