

## Default SMP Configuration Settings

These instructions are designed to configure an SMP for deployment in a Princeton University AVS multimedia system.

- Log into the SMP using the web GUI using the admin account. If the unit is new out of box the password is the serial number. **If you can log into the web GUI please skip the following steps and proceed to updating the firmware.** If the password is unknown a full system rest will be required. Please follow the steps below in this section.
  1. With the unit powered on Hold in the Reset button until the Reset LED blinks three times (once at 3 seconds, again at 6 seconds, again at 9 seconds). Then, release and press the Reset button again within 1 second.
  2. The front display should say “Resetting To Factory”.
  3. Once the unit has finished rebooting there will be no password required log in.

- **\*\*\*FIRST UPDATE FIRMWARE TO MOST RECENT VERSION\*\*\***

At the time of this document’s creation the most recent version of the SMP 300 series firmware is 3.06 build 0005-b002. If the unit has an older firmware or a newer firmware is available please update it by following the instructions below.

Configuration Tab > System Settings Tab > Firmware and License Loader Drop Down

1. Click the “Browse” button and navigate to the most recent version of the SMP 300 series firmware on your local pc and open it.
2. Click the “Upload” button
3. You will get a Communication Failure popup.
4. Wait until the elapsed time is 00:02:00 click the “Reload Button” and log back in.

## Scheduled Events Tab

- Nothing needs to be configured under the Scheduled Events Tab

## Configuration Tab

- Configuration Tab > Input/Output Settings Tab > Input/Output Configuration Drop Down
  - Channel A “1” input should be labeled “Program”
  - Channel B “4” input should be labeled “Camera”
  
- Configuration Tab > Input/Output Settings Tab > Virtual Input Configuration Drop Down
  - Virtual Input 1 “Off” button should be selected
  - Virtual Input 2 “Off” button should be selected
  
- Configuration Tab > Input/Output Settings Tab > HDMI Output Configuration Drop Down
  - Change the Refresh Rate drop down to “60”
  
- Configuration Tab > Input/Output Settings Tab > OSD Configuration Drop Down
  - Leave default settings
  
- Configuration Tab > Image Setting Tab > Image Configuration Drop Down
  - Leave default settings
  
- Configuration Tab > Encoding & Layout Tab > Encoding Presets Drop Down
  - \*\*\*Unless Specified leave default settings\*\*\*
  - Archive Encoder Column Settings
    - Encoder Presets
      1. Select “1 1080p High”
      2. Click the “Recall Preset” button
      3. Click on “Archive Encoder”
      4. Click on the “Recall” button
    - Default Preset: “1080p High”
    - Under Video Encoding
      - Custom Width: “1280”
      - Custom Height: “800”
  - Confidence Encoder Column Settings
    - Under Video Encoding
      - Resolution: 1920x1080

Frames: "15" fps  
Custom Width: "1280"  
Custom Height: "800"  
H.264 Profile: "BASELINE"  
Profile Level: "3"

- Configuration Tab > Encoding & Layout Tab > Layout Presets Drop Down

\*\*\*Unless Specified leave default settings\*\*\*

Select a Default Layout: "Side by Side"

Under Layout Presets

1. Click on "7 Side by Side"
2. Click the "Recall Preset" button
3. Click the "Recall" button

- Configuration Tab > Encoding & Layout Tab > Recording Profiles Drop Down

Leave default settings

- Configuration Tab > Virtual Input Re-Stream Tab > Streaming Configuration Drop Down

Leave default settings

- Configuration Tab > Users and Roles Tab > Password Drop Down

Admin Password should be changed to: **SEE LAST PASS WEBSITE FOR CURRENT ADMIN PASSWORD**

User Password should be changed to: **SEE LAST PASS WEBSITE FOR CURRENT USER PASSWORD**

Click the "Save" button

Log back in using the admin account

- Configuration Tab > Alarms and Traps Tab > Alarm Notifier Destinations Drop Down

Leave default settings

- Configuration Tab > Alarms and Traps Tab > Alarm Message List Drop Down

Leave default settings

- Configuration Tab > System Settings Tab > Unit Identification Drop Down

Change System Name to: “Use current OIT naming conventions”.

Example: AVS-ROBEH-001-UVR-01

Example: AVS-(Building)-(Room Number)-UVR-01

Change Location to: Building and Room Number

Example: Robertson Hall 001

Click the “Save” button

- Configuration Tab > System Settings Tab > Date and Time Drop Down

Change Time Zone to: “(UTC-05:00/UTC-04:00) Eastern Time”

Click the NTP Time Sync check box

NTP Server #1: 

NTP Server #2: 

NTP Server #3: 

Please contact AV Services  
for this information

Click the “Save” button

- Configuration Tab > System Settings Tab > Recording Media Selection Drop Down

\*\*Unless specified leave default settings\*\*

Check the Secondary Recording Enabled check box

Select the Secondary Recording Destination to either the “Front USB” or “Rear USB”  
depending on the design of the room

Click the “Save” button

- Configuration Tab > System Settings Tab > Recording Limits Drop Down

\*\*Unless specified leave default settings\*\*

Change the Maximum Ad hoc Duration to “12” hours

Click the “Save” button

- Configuration Tab > System Settings Tab > Default Recording File Names Drop Down

\*\*Unless specified leave default settings\*\*

Change the Date/Time Format drop down to “Local Time”

Click the “Save” button

- Configuration Tab > System Settings Tab > Marks and Thumbnails Drop Down

Leave default settings

- Configuration Tab > System Settings Tab > Serial Drop Down

Leave default settings

- Configuration Tab > System Settings Tab > Backup and Restore Drop Down

Leave default settings

- Configuration Tab > System Settings Tab > Executive Mode Drop Down

Leave default settings

- Configuration Tab > System Settings Tab > SSL Certificate Drop Down

Leave default settings

- Configuration Tab > Advanced Features Tab > FlexOS Apps

Click on the “Browse” button.

Select the “79-657-01-1.02.0000-SMP300-ical\_sched.eaf” file locally on you PC. (This file can be downloaded from Extron’s website under software. It is listed as “SMP 300 Series iCalendar FlexOS App”)

Click the “Install” button.

- Configuration Tab > System Settings Tab > Networking Drop Down

Check the Use DHCP check box

Click the “Save” button

## **File Management Tab**

- Select the “certs” folder

Under File Upload Utility

Click “Browse” button and navigate to your local PC folder where the **cacert.pem** is located. (This file must be downloaded from <https://curl.haxx.se/ca/cacert.pem>).

Click the “Upload” button.

## **Troubleshooting Tab**

- Nothing needs to be configured under the Troubleshooting Tab