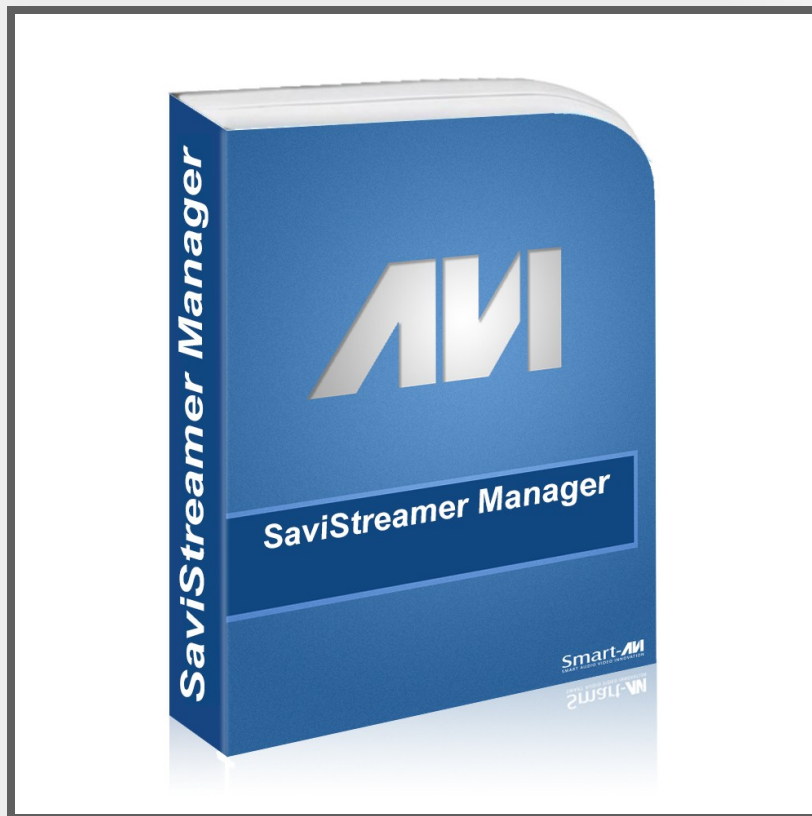# SaviStreamer Manager

AV-over-IP Streaming Management Software
User Manual

Control and manage SmartAVI streaming devices with easy-to-use software.

Smart-**AVI**
SMART AUDIO VIDEO INNOVATION

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INTRODUCTION

Welcome and congratulations on choosing SmartAVI's SaviStreamer devices as your ideal media streaming solution! Easy to install and use, our free SaviStreamer Manager software is the best way to configure and control your SaviStreamer devices from the convenience of a single workstation. With a simple interface, robust security, and fully customizable settings, SaviStreamer Manager will have you routing enthralling streams in no time!

Disclaimer Notice

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FEATURES

- HD H.264 video (1080p at 60fps)

- AV-over-IP support

- Low-Bandwidth, Energy Efficient

- Password Protected

- Highly customizable

- Adjust scale, aspect-ratio, bandwidth

- Stream directly from source or IP address

- Shared network recording

- Easy to use design; no technical expertise required!

GETTING STARTED

This quick setup guide will instruct you on how to install and begin using SaviStreamer Manager on your PC.

To ensure proper installation, please:

- Use at least Windows XP Professional (w/ Service Pack 2-3), Windows 2003, or Vista operating systems.
- Log in to system as system administrator
- Turn off Windows Firewall or select SaviStreamer Manager under firewall exceptions tab in control panel.
- If you do not wish to turn off firewalls or make an exception for SaviStreamer Manager, please contact SmartAVI's technical support for alternative processes.

Installation

SaviStreamer Manager requires a unique serial number to be installed. Find the serial key code on the back of the Savistreamer Manager CD sleeve and input the code when prompted. In addition, you must also complete online registration for your copy of the software: if you do not complete registration within the 30 day window, your copy of SaviStreamer Manager will become disabled.

A registration window will open automatically; if you want to register your copy of the software at a later date, simply select 'Help/Registration' and click 'Start Trial'.

For more information, please see our Frequently Asked Questions or contact SmartAVI technical support.

Walkthrough:

1. Insert software CD; read the auto-run's License Agreement and press 'I Agree".
2. Enter your name, company, and unique serial number (ALL CAPS) in the spaces provided.
3. Choose Components you wish to install: make sure to include "SaviStreamer Manager".
4. Choose a location to install SaviStreamer manager and click next.
5. After installation is complete, click 'Finish' to exit the installer.

START-UP

Managing Passwords

To ensure secure communication between SaviStreamer Manager software and your SaviStreamer devices, you must set an **Environment Password**, as well as **Unit Passwords** for each device.

Environment Password

The Environment Password secures access to any SaviStreamer devices in your connected network, so you can manage and adjust settings for every connected streaming device with ease. Upon start-up, provide a case-sensitive password between 5-8 alphanumeric characters long, then confirm the password to continue.

Unit Password

When connecting a new SaviStreamer device to your network environment, you must manually assign it a Unit Password. Unit Passwords match Environment Passwords by default, so just enter the active Environment Password to establish connections.

Updating Passwords

To change or adjust passwords, simply open the Settings tab in SaviStreamer Manager and click 'Change Password'. Provide the old password you wish to change, then input the desired new password, and confirm it to complete the update. When updating your Environment Password, all connected SaviStreamer devices' Unit Passwords will also update to the new Environment Password.

For more information about password protection, please contact SmartAVI's Technical Support team.

Managing Streams and Environment

Managing SaviStreamer Devices

To add a new SaviStreamer encoder or decoder to your streaming environment, click the Add button (+) in the top left corner of the manager and input the unit's *IP address.

If you are unsure of a device's IP address, please use Network Finder, a free device IP finder available at www.smartavi.com/helpful-links

Select any active unit, and click the 'List' tab to bring up that device's settings and controls.

Processing Control

Optimize streams by assigning signal settings for your media. This includes:

- Capture: audio-video recording settings, such as resolution and sampling rates.
- Encoding: customizable video and audio settings for enhanced formatting as H.264 media.
- Streaming/Recording: Signal assignment for specific ports and remote IP streams.

Output Control

Assign streams to display on locally connected devices; adjust display settings for optimized playback.

Network Control

Assign connection settings for optimal performance over a given network. Assign dynamic or static IP addresses

RS-232 Control

Enable communication between remote SaviStreamer devices and RS-232 connected workstations.

Date and Time Settings

Select an ideal time for your devices to start interacting with streams: automatically stream when activated, or select a specific time and date to start the process. Set a Time Zone for region-specific activation.

Notes:

FREQUENTLY ASKED QUESTIONS

Notes:

LIMITED WARRANTY STATEMENT

A.   Extent of limited warranty
      1.   SmartAVI Technologies, Inc. warrants to the end-user customers that the SmartAVI product specified above will be free from defects in materials and workmanship for the duration of 1 year, which duration begins on the date of purchase by the customer. Customer is responsible for maintaining proof of date of purchase.

      2.   SmartAVI limited warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any:
         a. Improper or inadequate maintenance or modifications
         b. Operations outside product specifications
         c. Mechanical abuse and exposure to severe conditions

      3.   If SmartAVI receives, during applicable warranty period, a notice of defect, SmatAVI will at its discretion re place or repair defective product . If SmartAVI is unable to replace or repair defective product covered by the SmartAVI warranty within reasonable period of time, SmartAVI shall refund the cost of the product.

      4.   SmartAVI shall have no obligation to repair, replace or refund unit until customer returns defective product to SmartAVI.

      5.   Any replacement product could be new or like new, provided that it has functionality at least equal to that of the product being replaced.

      6.   SmartAVI limited warranty is valid in any country where the covered product is distributed by SmartAVI.

B.   Limitations of warranty
TO THE EXTENT ALLOWED BY LOCAL LAW , NEITHER SMARTAVI NOR ITS THIRD PARTY SUPPLIERS MAKE ANY OTHER WARRANTY OR CONDITION OF ANY KIND WHETHER EXPRESSED OR IMPLIED , WITH RESPECT TO THE SMARTAVI PRODUCT , AND SPECIFICALLY DISCLAIM IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY , AND FITNESS FOR A PARTICULAR PURPOSE

C.   Limitations of liability
To the extent allowed by local law the remedies provided in this warranty statement are the customers sole and exclusive remedies

TO THE EXTENT ALLOWED BY LOCAL LAW , EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT , IN NO EVENT WILL SMARTAVI OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHETHER BASED ON CONTRACT , TORT OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

D.   Local law
To the extent that this warranty statement is inconsistent with local law, this warranty statement shall be considered modified to be consistent with such law.

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Many industry-leading companies have recognized the innovation and power of SmartAVI's technologies and have successfully implemented them within their systems. Users of SmartAVI technology include: