

## TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI 1.4
DVI Compliance	Single-link DVI-D 1.1 w/ adaptor
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	Up to 3840 x 2160 @30Hz
Input Interface	(1) HDMI [7.1ch audio-video], (1) VGA
Output Interface	(1) HDMI [7.1ch audio-video]
Connector	HDMI Type-A [19-pin female], VGA, USB Type-B, RS-232, LAN, Stereo Audio (3.5 mm jack socket)
Maximum Cable Length	20 ft
CONTROL	
Front Panel	Tactile Switches
IR	Via Remote Control with IR Type 3
PC	RS-232 Control
TCP/IP	Via web browser

OTHER	
Power Supply	External 100-240 VAC/ 12VDC4A
Dimensions	8.5" W x 1.02" H x 4" D
Weight	4 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32 to 95 °F (0 to +35 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

## WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SAVI-ST-E300	1	1080p H.264 Streaming Encoder
12VDC4A	1	Power Supply
User Manual	1	



Designed and Manufactured in the USA

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

## SaviStreamer E300 Encoder

HD Video Streaming Encoder



AV-over-IP 1080p H.264  
Streaming Video Encoder

Quick Start Guide

## CONTROLLING THE E-300

### Front Panel Control

To switch ports using the front panel, press the *UP* button to navigate up and *DOWN* button for down.

### RS-232 Control

Use a male-to-female serial cable to connect a computer to the RS-232 port of the E-300. Use terminal client software to connect to the E-300. Make sure to use the standard communication mode of 9600 bps, 8, N, 1, N. This port can also be used for software upgrade.

### TCP/IP Commands

TCP/IP commands control E-300 via web browsers. To activate TCP/IP, connect to the E-300 using SmartAVI's SaviStreamer Manager software from a central PC workstation. Simply select the unit you wish to control, and make operational adjustments as you see fit.

## E-300 FRONT



## E-300 BACK



## CONNECTING THE E-300

1. Ensure that power is disconnected from E-300.
2. Connect the HDMI inputs to HDMI signal source.
3. Optionally connect either LAN or RS-232 for control functions.
4. Connect E-300 to network switch.
5. Optionally connect E-300 to a display via HDMI or VGA output to preview streaming content
6. Power on the SaviStreamer E300.

## INSTALLATION DIAGRAM

