



# MIP 1664 MPEG/IP Streamer

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## Startup Manual



## Copyright

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## About Sencore

Sencore is an engineering leader in the development of high-quality signal transmission solutions for the broadcast, cable, satellite, IPTV, and telecommunications markets. The company's world-class portfolio includes video delivery products, system monitoring and analysis solutions, and test and measurement equipment, all designed to support system interoperability and backed by best-in-class customer support. Sencore products meet the rapidly changing needs of modern media by ensuring the efficient delivery of high-quality video from the source to the home. More information about Sencore is available at the company's website, [www.sencore.com](http://www.sencore.com).

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# WARNING

## **PLEASE OBSERVE THESE SAFETY PRECAUTIONS**

**There is always a danger present when using electronic equipment.**

*Unexpected high voltages can be present at unusual locations in defective equipment and signal distribution systems. Become familiar with the equipment you are working with and observe the following safety precautions.*

- Every precaution has been taken in the design of the MIP 1664 to ensure that it is as safe as possible. However, safe operation depends on you the operator.
- Always be sure your equipment is in good working order. Ensure that all points of connection are secure to the chassis and that protective covers are in place and secured with fasteners.
- Never work alone when working in hazardous conditions. Always have another person close by in case of an accident.
- Always refer to the manual for safe operation. If you have a question about the application or operation call SENCORE for assistance.
- Never allow your equipment to be exposed to water or high moisture environments. If exposed to a liquid, remove power safely (at the breaker) and send your equipment to be serviced by a qualified technician.

## Revision History

Date	Version	Description	Author
11/6/2012	1.1	Updated format	CL

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## 1.1 Introduction

Thank you for purchasing your Sencore MIP 1664. This unit is a powerful tool that can be used to stream hundreds of IP services for any number of different uses.

This guide is meant to provide a quick overview of how to install, setup, and maintain the MIP 1664 MPEG/IP Streamer. Because the MIP 1664 can be configured in many ways, the included instructions may not exactly match the unit being set up.

## 1.2 Package Contents

The following is a list of the items that are included with the MIP 1664 unit:

1. Startup Manual
2. Backup Software CD
3. AC Power Cord
4. Rackmount Rails

If any of these items were omitted from the packaging of your unit, please call 1-800-SENCORE to obtain a replacement.

## 1.3 Installation

The MIP 1664 rackmount chassis is a 1RU enclosure that is designed to be mounted in a standard 19" equipment rack. The unit is shipped with the mounting hardware necessary to safely secure the chassis in the rack. This includes rackmount ears and screws for the front along with rails to support the sides. The user is advised to always use the included rails for mounting.

The MIP 1664 is designed for front-to-back ventilation. Care must be taken to ensure that this ventilation is not impeded in any way.

## 1.4 Rear and Side Panel Connections

All of the external connections for the MIP 1664 are located on the rear of the unit. These connections include standard computer I/O (Monitor, USB, parallel, serial, audio, and LAN ports) and the MIP 1664 IP output connections. The power connection is also located on the rear of the unit.

### **Power Connection**

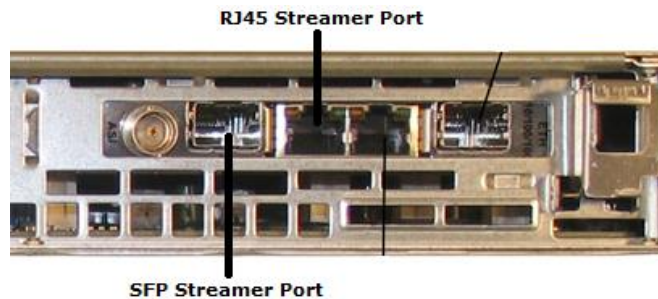
Using the proper power connections is vital to the safe operation of the unit. Only use the supplied 3-prong power connectors or those with equal specifications. NEVER tamper with or remove the 3rd – prong grounding pin on any cord. This could cause damage to the unit, personnel, or property.

The MIP 1664 is intended for use on either 120V or 240V systems. The power supply will automatically detect the voltage to which it is connected. There is one power supply and one AC power cord. To connect AC power, perform the following:

1. Locate the proper AC power cord.
2. Plug the female end of the power cord (end with no prongs) into the back of the unit.
3. Plug the male end of the power cord into a protected outlet.

### IP Streamer Connections

The output connections for the analyzer are located on the rear of the MIP 1664. Depending on the options ordered, these may include one or two IP/SFP outputs.



## 1.5 MIP 1664 Startup

After completing all of connections, turn on the power of the MIP 1664 using the power button. The system, which is based on a Windows Server 2008, will login automatically. If the system does not login automatically, login to Windows using the default parameters below:

Username: administrator  
Password: mpeg101

Icons necessary to access the functionality of the MIP 1664 will be located both on the desktop and in the start menu.

## 1.6 Additional Documentation

Detailed product manuals and additional information for all of the MIP 1664 functions can be found in electronic form located in the Manuals folder on the desktop. If this folder has been removed for any reason, the same folder is located in the start menu under the MIP 1664 heading.

## 1.7 Maintenance

The MIP 1664 is a maintenance-free piece of equipment. There are no user serviceable parts on the inside of the unit.



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