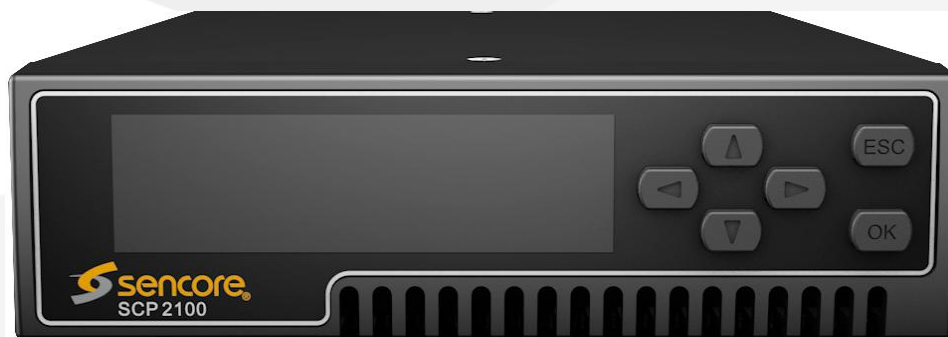




SCP 2100 Signal Collection Platform

Product Release Notes
Maintenance Release v1.5.5



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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.

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Revision History

Date	Revision	Description	Author
6/5/2020	1.0	1.0.0 Initial Release Notes	JDD
12/18/2020	1.1	1.1.0 Feature Release	JDD
2/9/2021	1.2	1.1.1 Maintenance Release	BCR
8/24/2021	1.3	1.1.2 Maintenance Release	RAG
10/18/2021	1.4	1.2.0 Feature Release	RAG
1/5/2022	1.5	1.2.1 Maintenance Release	IAB
3/7/2022	1.6	1.2.2 Maintenance Release	RAG
5/10/2022	1.7	1.2.3 Maintenance Release	RAG
9/8/2022	1.8	1.3.0 Feature Release	RAG
11/27/2023	1.9	1.4.0 Feature Release	MMH
12/06/2023	1.10	1.4.1 Maintenance Release	MMH
01/31/2025	1.11	1.4.2 Maintenance Release	MMH
06/04/2025	1.12	1.5.0 Feature Release	MMH
08/06/2025	1.13	1.5.1 Maintenance Release	MMH
12/23/2025	1.14	1.5.2 Maintenance Release	JKS
03/06/2026	1.15	1.5.3 Feature Release	MMH
06/11/2026	1.16	1.5.4 Maintenance Release	MMH
08/17/2026	1.17	1.5.5 Maintenance Release	SJR

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Maintenance Release 1.5.5

The 1.5.5 release is a maintenance release for the SCP 2100. 1.5.5 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.5.tar,
Release Number:	1.5.5
Release Branch:	1.5.x

Resolved Issues

- | | |
|----------|---|
| SCP-1066 | - Updated SRT library to version 1.5.6 to address CVE-2026-55868 and CVE-2026-55869 |
| SCP-1067 | - Unit failed to upload/update software sometimes |

Maintenance Release 1.5.4

The 1.5.4 release is a maintenance release for the SCP 2100. 1.5.4 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.4.tar,
Release Number:	1.5.4
Release Branch:	1.5.x

Resolved Issues

- | | |
|----------|--|
| SCP-1031 | - Added support for new 8VSB tuner |
| SCP-1051 | - Section gap of PAT and PMT tables was small for SRT output |

Feature Release 1.5.3

The 1.5.3 release is a feature release for the SCP 2100. 1.5.3 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

What's New in v1.5.3

- Adjustable Time to Live (TTL)

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.3.tar,
Release Number:	1.5.3
Release Branch:	1.5.x

Resolved Issues

- SCP-1048 - Sometime the HDMI input doesn't detect the framerate correctly

Maintenance Release 1.5.2

The 1.5.2 release is a maintenance release for the SCP 2100. 1.5.2 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.2.tar,
Release Number:	1.5.2
Release Branch:	1.5.x

Resolved Issues

- | | |
|----------|--|
| SCP-845 | - Longer hostname causes the "Configure Network Services" button to be cut off |
| SCP-995 | - PID Filter peak bitrate button does not clear peak bitrate status |
| SCP-1026 | - ZIXI broadcaster detects CC errors on ZIXI output |
| SCP-1029 | - Audio data missing when using AC3 pass-through with encode or transcode processing |

Maintenance Release 1.5.1

The 1.5.1 release is a maintenance release for the SCP 2100. 1.5.1 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.1.tar,
Release Number:	1.5.1
Release Branch:	1.5.x

Resolved Issues

SCP-961 - SRT output stops transmitting after several days

Feature Release 1.5.0

The 1.5.0 release is a feature release for the SCP 2100. 1.5.0 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

What's New in v1.5.0

- Centra Manage Support
- Audio Language Descriptor Selection

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.5.0.tar,
Release Number:	1.5.0
Release Branch:	1.5.x

Resolved Issues

SCP-1000 - Audio and Video goes out of sync with provided stream

Maintenance Release 1.4.2

The 1.4.2 release is a maintenance release for the SCP 2100. 1.4.2 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.4.2.tar,
Release Number:	1.4.2
Release Branch:	1.4.x

Resolved Issues

- | | |
|---------|---|
| SCP-873 | - Latency increases with a lower bitrate for ASI input |
| SCP-881 | - Lighttpd and TSL/SSL upgraded |
| SCP-908 | - PID filter not working with higher bitrate |
| SCP-935 | - Audio skips on HD encode for dual AAC audio |
| SCP-939 | - When Slate is active input, the output doesn't get restored after reboot |
| SCP-940 | - Failover stop working for ASI and Slate input |
| SCP-944 | - No available MIBs for 8VSB and MPEG/IP output |
| SCP-948 | - PTS drift appears when using SDI input |
| SCP-949 | - Discrepancy between actual and PRC-derived bitrate |
| SCP-950 | - MPEG/IP output interrupted after long operation |
| SCP-951 | - SDT is not generated when using processed mode |
| SCP-952 | - SCTE104 to SCTE35 conversion stops processing |
| SCP-955 | - SNMP Traps not working |
| SCP-956 | - When slate is selected as a backup input, slate bitrate increases after multiple failover |
| SCP-957 | - PCR accuracy drifts after extended runtime on Slate input |
| SCP-958 | - AC3 audio passthrough not working for SDI input |
| SCP-970 | - The key length of the CSR file increased |
| SCP-978 | - Device crashes after https certificate applied |

Maintenance Release 1.4.1

The 1.4.1 release is a maintenance release for the SCP 2100. 1.4.1 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.4.1.tar,
Release Number:	1.4.1
Release Branch:	1.4.x

Resolved Issues

- | | |
|---------|--|
| SCP-840 | - Degraded 8VSB input after multiple days causes video transcoding to stop |
| SCP-876 | - PMT and PAT repetition rate error when encoding and transcoding |
| SCP-878 | - MPEG-2 audio is out of sync with video |
| SCP-880 | - GUI becomes unresponsive when RIST output is configured for main profile mode and PSK encryption |
| SCP-885 | - When slate backup is activated, the PCR has accuracy and repetition errors |
| SCP-889 | - Slate output effective bitrate is under 1 Mbps |

Feature Release 1.4.0

The 1.4.0 release is the next feature release for the SCP 2100. 1.4.0 obsoletes any beta builds that were previously provided.

What's New in v1.4.0

- PID/Service Filtering

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.4.0.tar,
Release Number:	1.4.0
Release Branch:	1.4.x

Resolved Issues

No issues resolved

Feature Release 1.3.0

The 1.3.0 release is the next feature release for the SCP 2100. 1.3.0 obsoletes any beta builds that were previously provided.

What's New in v1.3.0

- QAM256 input support on SCP 2101/2111 models
- RIST Transmit
- Video Slate Input
- Security Improvements
 - HTTPS Support
 - Added options to disable and enable the following network services:
 - HTTP, ICMP, SNMP Traps, SSH, Syslog and Stream I/O

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.3.0.tar,
Release Number:	1.3.0
Release Branch:	1.3.x

Resolved Issues

- | | |
|---------|---|
| SCP-784 | - Unable to transmit a unicast outside of SCP subnet |
| SCP-832 | - SRT transmit does not send bitrate until unit is rebooted |

Maintenance Release 1.2.3

The 1.2.3 release is a maintenance release for the SCP 2100. 1.2.3 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.2.3.tar,
Release Number:	1.2.3
Release Branch:	1.2.x

Resolved Issues

- | | | |
|---------|---|--|
| SCP-770 | - | Dolby audio passthrough stops processing after several days |
| SCP-771 | - | SCTE 35 CUEI descriptor not being sent to output |
| SCP-775 | - | Closed Captions and SCTE messages not passing through simultaneously |

Maintenance Release 1.2.2

The 1.2.2 release is a maintenance release for the SCP 2100. 1.2.2 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

IMPORTANT NOTE-

- **Main board version 4 or later will require software version 1.2.2 or later.**

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.2.2.tar,
Release Number:	1.2.2
Release Branch:	1.2.x

Resolved Issues

SCP-759 - SCTE35 output missing avail descriptor for SCTE104 input

Maintenance Release 1.2.1

The 1.2.1 release is a maintenance release for the SCP 2100. 1.2.1 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.2.1.tar,
Release Number:	1.2.1
Release Branch:	1.2.x

Resolved Issues

- | | |
|---------|--|
| SCP-721 | - Implemented StreamID for SRT transmit |
| SCP-724 | - Output streams have PTS/DTS arrival errors |
| SCP-764 | - MIB fails to compile in 3 rd party MIB Compiler |

Feature Release 1.2.0

The 1.1.0 release is the next feature release for the SCP 2100. 1.2.0 obsoletes any beta builds that were previously provided. This software is a major feature release that introduces encoding and transcoding support, SDI and HDMI baseband inputs, as well as SRT output.

What's New in v1.2.0

- MPEG-2 Video Encoding
- Increased GOP Setting Range
- SCTE 104/35
- SNMP Monitoring for System Parameters

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.2.0.tar,
Release Number:	1.2.0
Release Branch:	1.2.x

Resolved Issues

- | | |
|---------|--|
| SCP-659 | - Unable to use duplicated audio pids when transmitting audio |
| SCP-691 | - SRT transmit drops packets when NTP time updates |
| SCP-755 | - 2101 unit reporting false alarms upon receiving input stream |

Maintenance Release 1.1.2

The 1.1.2 release is a maintenance release for the SCP 2100. 1.1.2 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.1.2.tar,
Release Number:	1.1.2
Release Branch:	1.1.x

Resolved Issues

- | | |
|---------|--|
| SCP-740 | - After using the “Reset to Defaults” feature, unit will not hold configuration upon further reboots |
|---------|--|

Maintenance Release 1.1.1

The 1.1.1 release is a maintenance release for the SCP 2100. 1.1.1 obsoletes any beta software builds that were previously provided. This software release resolves a number of issues reported during product development and customer evaluation testing.

New SCP 2100 Features:

- Added Options to Front Panel menu:
 - HDMI and SDI input selection options
 - Destination IP output settings

Note: *New unlicensed features that were added will automatically show up and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Names:	SCP2100_1.1.1.tar,
Release Number:	1.1.1
Release Branch:	1.1.x

Resolved Issues

SCP-680 - Closed Caption passthrough while transcoding does not work

Feature Release 1.1.0

The 1.1.0 release is the next feature release for the SCP 2100. 1.1.0 obsoletes any beta builds that were previously provided. This software is a major feature release that introduces encoding and transcoding support, SDI and HDMI baseband inputs, as well as SRT output.

What's New in v1.1.0

- H.264 Encoding*
- H.264 Transcoding*
- SD/HD-SDI Input*
- HDMI Input
- SRT Output

Note *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Name: SCP2100_1.1.0.tar
Release Number: 1.1.0
Release Branch: 1.1.X

Resolved Issues

[none]

Known Issues

SCP-680 Closed Caption passthrough while transcoding does not work

Initial Release 1.0.0

The 1.0.0 release is the initial release for the SCP 2100. 1.0.0 obsoletes any beta builds that were previously provided. This software is the initial feature release that introduces MPEG/IP transmit and receive, as well as 8VSB and ASI input and Zixi output.

What's New in v1.0.0

- MPEG/IP UDP/RTP Transmit and Receive
- ASI Input
- 8VSB Input
- Zixi Output

Note *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.*

Supported Hardware

SCP 21020, SCP 21021, SCP 21101

Update Information

Current Release File Name: SCP2100_1.0.0.tar
Release Number: 1.0.0
Release Branch: 1.0.X

Resolved Issues

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