

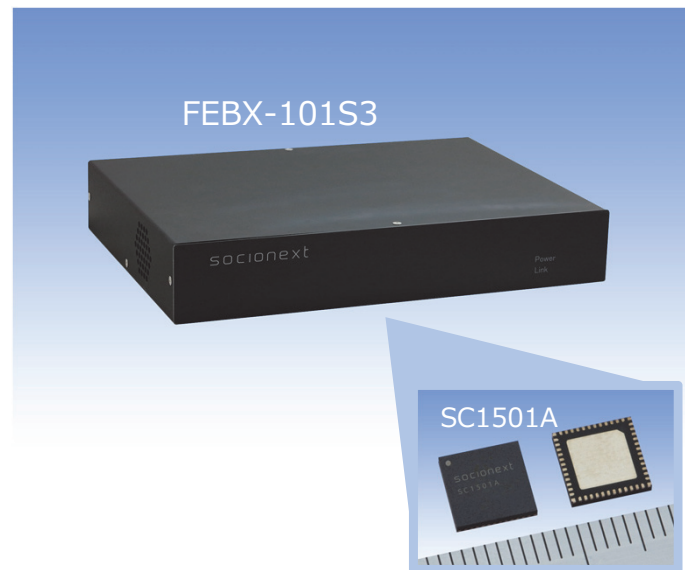
# Receiver for ISDB-S3 Satellite Broadcasting EBX-101S3

## ■ Overview

“FEBX-101S3” is the receiver for advanced wide band digital satellite broadcasting (ISDB-S3\*1) .

This can receive and demodulate 4K/8K broadcast signals in ISDB-S3 system, and output MMT (MPEG Media Transport)/ TLV (Type Length Value) stream.

We have developed the demodulator LSI “SC1501A” that is compatible both with ISDB-S3 and ITU-T J.183\*2. By using this LSI, it has realized the minimization of apparatus.

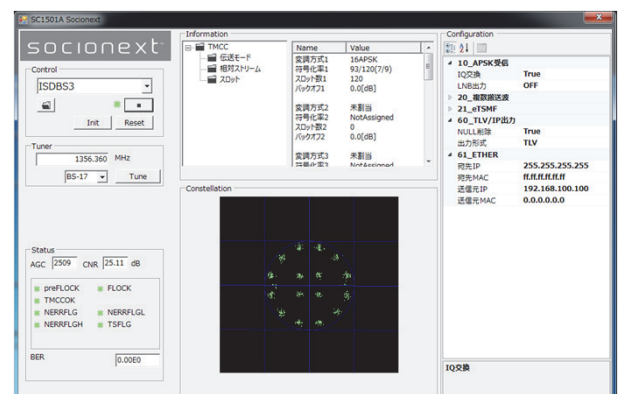


\*1:ARIB STD-B44: Standard of transmission system for advanced wide band digital satellite broadcasting.

\*2:ITU-T J.183: Retransmission of satellite signals through cable television systems by transmodulation.

## ■ Feature

- Both direct signal from the satellites (ISDB-S3) and retransmission signal through the CATV system (IF pass-through) can be received.
- Output MMT/TLV stream from the RJ-45 connector. (Selectable from TLV format and IP format)
- Easy to check the reception setting and reception state on a personal computer by the included GUI application. (Option: Wireless control using a tablet)



GUI Application

## ■ Specifications

Items		Descriptions
<b>Input Frequency</b>		1.03GHz to 3.22GHz
<b>ISDB-S3 Reception</b>		Modulation : 32APSK/ 16APSK/ 8PSK/ QPSK/ BPSK Symbol rate : 33.7561Mbaud
I/F	<b>Input</b>	Input for ISDB-S3 x1 (F-type connector, 75Ω)
	<b>Output</b>	Output for MMT/TLV stream x2 (RJ-45, 1000BASE-T) * One of the two is for monitoring.
	<b>Control</b>	USB2.0 for wireline x1 (B-type) USB2.0 for wireless (Option: Bluetooth) x1(A-type)
<b>Power Supply</b>		Input voltage: AC100V Input current: 0.3A(typ.) Frequency : 50/ 60Hz
<b>Dimensions</b>		300mm(W) × 237mm(D) × 55mm(H) (Including the projecting parts)
<b>Weight</b>		Approx. 1.5kg

## ■ Example of connection (Direct reception from broadcast satellite)

