NEW

STREAM BOX
(MMT/TLV/TS Recorder & Player) *1710A*

4K 8K BS·CS110

Overview

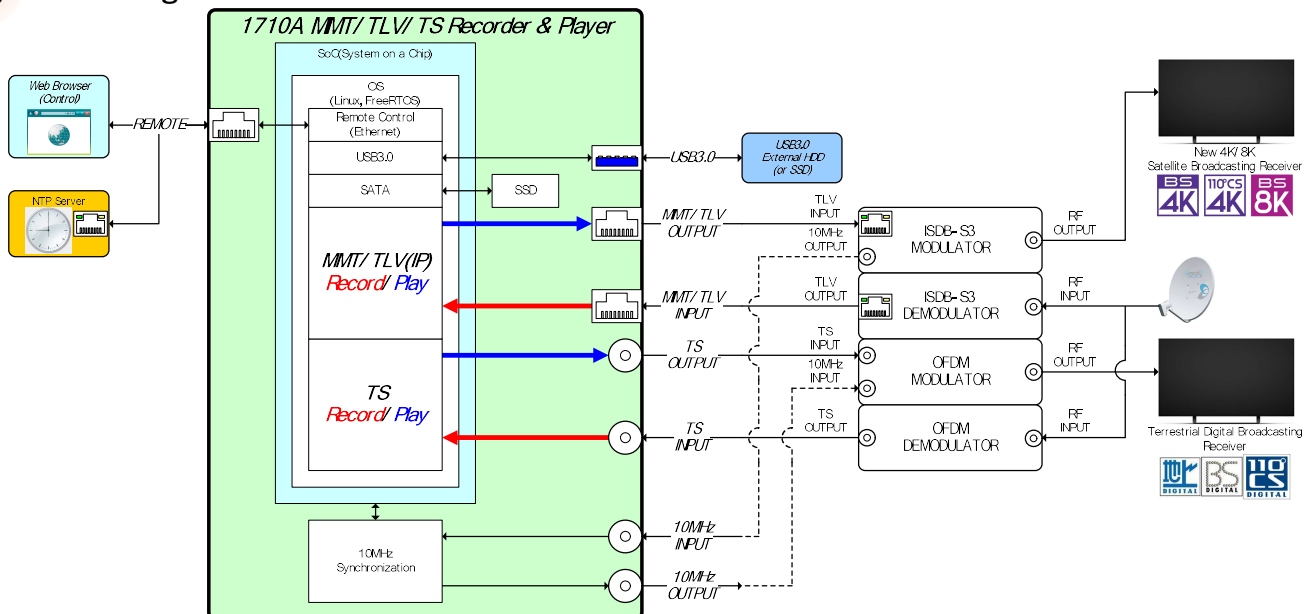This device is a recorder/reproducer for MMT/TLV and TS.

This device supports streams in the MMT/TLV format of the new 4K/8K broadcast and in the TS format of the BS/Wideband CS digital broadcast and the terrestrial digital broadcast. Therefore, this device can be used widely for the validation or the reproduction test.

Features

・This device is excellent to carry and can be connected/controlled easy with other devices.

・This device can reproduce/record the data, according to the rate synchronized with 10 MHz signal supplied from an external device.

・The reproducing rate is selectable.

  MMT/TLV: pcap (Or pcapng) timestamp, frame timestamp (Inter-stationary TLV, connected TLV)

  TS: Auto (* Basing on PCR), Manual (* The bit rate needs to be designated.)

・The seamless repeated reproduction is possible. (The information for the packet continuity can be renewed.)

  MMT/TLV: MMTP packet, sequence number

  TS: Continuity counter (CC)

・This device can re-stamp the time information of the packets and can reproduce the data.
  MMT/TLV: NTP, time stamp of MMTP packet distribution, MPU time stamp descriptor, MH-TOT
  TS: TOT

・This device can record/reproduce data through external HDD or SSD connected by USB3.0.

・The designation of the recording start time (Reservation) is possible.

・The partial reproduction designating the start/stop time is possible.

・This device can display the reproduced/recorded stream classification and the bit rate.

System Configuration

1710A MMT/ TLV/ TS Recorder & Player

Eiden Co., Ltd.

＊The specifications and the external view of this device described in this catalog may be changed for the improvement without prior notice.   Ver.0.4

Interface

Input/Output	Item	Contents
MMT/TLV Input	Interface	100BASE-TX, 1000BASE-T (Auto-negotiation)
	Jumbo frame	9K Byte(Max.)
	Connector	RJ-45
	Q'ty of terminals	1
MMT/TLV Output	Interface	100BASE-TX, 1000BASE-T (Auto-negotiation)
	Jumbo frame	9K Byte(Max.)
	Connector	RJ-45
	Q'ty of terminals	1
TS Input	Interface	Corresponding to DVB-ASI standard (Burst mode, packet mode)
	Connector	BNC-R
	Q'ty of terminals	1
	Impedance	75Ω
TS Output	Interface	Corresponding to DVB-ASI standard (Burst mode, packet mode)
	Connector	BNC-R
	Q'ty of terminals	1
	Impedance	75Ω
10MHz Input	Frequency	Within 10MHz$\pm$1ppm
	Level	Within 0dBm$\pm$3dB
	Connector	BNC-R
	Q'ty of terminals	1
	Impedance	50Ω
10MHz Output	Frequency	Within 10MHz$\pm$1ppm
	Level	Within 0dBm$\pm$3dB
	Connector	BNC-R
	Numbers of terminals	1
	Impedance	50Ω
USB3.0	Connector	USB 3.0 Standard-A
	Q'ty of terminals	2
Control	Input/Output	10BASE-T, 100BASE-TX, 1000BASE-T (Auto-negotiation)
	Connector	RJ-45
	Q'ty of terminals	1

Specifications

Item	Contents
Power source	Allowable range of input voltage: 90 V AC to 250VAC (50Hz/60Hz)
Dimensions (Excluding projections)	Width: 210 mm
	Height: 88 mm
	Depth: 400 mm
Weight	5 kg or less
Internal SSD capacity	500 GB

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