

HDMI Digital Video & Audio Output

HD Digital Satellite Receiver with CI



TF7710HSCI

Fully DVB-S / DVB-S2 (H.264) HD,
SD Compliant
HDMI Digital Video & Audio Output

- 2 common Interfaces for CONAX, CRYPTOWORKS, IRDETO, SECA & VIACCESS
- S/PDIF for digital audio output
- Firmware upgrade by Over-The-Air & USB
- Fully DVB-S / DVB-S2 (H.264) HD, SD Compliant
- HDMI Digital Video & Audio Output
- 1080i, 720P, 576P, 576i Video Output

TF7710HSCI



- Digital Satellite Receiver with CI
- 2 Common Interfaces for CONAX, CRYPTOWORKS, IRDETO, NAGRAVISION, SECA & VIACCESS
- Fully DVB-S compliant
- Capable of setting the frequency for SMATV system
- 5000 Services TV & radio programmable
- Service switching time less than 1 second
- Service list editing
- Favorite Service list editing
- 16bit color On-Screen Display (OSD)
- Electronic Program Guide (EPG) supported
- Subtitle supported
- Teletext supported
- Parental lock facility by service and program event
- Program and service information transfer from receiver to receiver
- Firmware upgrade by Over-The-Air
- Firmware upgrade by USB
- Exciting games embedded
- S/PDIF for digital audio output
- 7-Segment

Tuner & Channel Decoder

1 Tuners	DVB-S, DVB-S2
Input/Loop through Connector	F-type, IEC 169-24, Female (Only signal bypass)
Frequency Range	950–2150MHz
LNB Power & Polarization	Vertical : +13VDC Horizontal : +18VDC Current : Max. 500mA with Overload Protection
22KHz Tone	Frequency : 22±1KHz Amplitude : 0.65±0.2V
DiSEqC Control	Version 1.0/1.1/1.2/1.3 Compatible
Demodulation	QPSK, 8PSK
Input Symbol Rate	1–45MSPS(DVB-S QPSK), 20~30MSPS(DVB-S2 QPSK) 10~30MSPS(DVB-S2 8PSK)
Code Rate	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10

DVB Compliant A/V Decoding

Aspect Ratio	4:3, 16:9
Video Resolution	576i, 576p, 720p, 1080i

Main System

Main Processor	ST40
Memory	Flash-ROM: 4MB RAM: 128MB DDR SDRAM EEPROM: 2Kb

Conditional Access Interface

PCMCIA	2 slots DVB Common Interface standard
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A/V & Data In/Out

TV-Scart	Video CVBS/S-VIDEO/RGB output Audio L/R output
VCR-Scart	Video CVBS output Audio L/R output Video CVBS/S-VIDEO/RGB input bypass Audio L/R input for bypass
HDMI	HD Video/Audio Output
RCA A/V	Video(YPbPr), Video (CVBS), Audio (L/R) output
S/PDIF	Digital audio output
RS-232C	9 pin D-sub type Transfer rate : max. 115.2Kbps
USB	USB2.0 HOST

Front Panel

Keys	5Key (Power, Volume Up/Down, Channel Up/Down)
LEDs	TV/STB, REMOTE, STANDBY
4-digit 7-segment?LEDs	Service number or time display
RCU	37Keys

Power Supply

Input Voltage	90–250VAC, 50/60Hz
Type	SMPS
Power Consumption	Running: Max. 37W, Standby: 6W
Protection	Separate internal fuse The input shall have lightning protection

Physical Specification

Size(W x H x D)	340x 60 x 265 mm
Weight(Net)	2.44Kg

* Specifications and functions could be changed for improvement without notice in advance.



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