S1700CHD MINI RECEIVER WITH *Spark*

FULL HIGH DEFINITION (1080P) SATELLITE RECEIVER (H.264/ MPEG4 HD)

HDMI OUTPUT WITH DOLBY SUPPORT

SD OUTPUT VIA RCA WITH SUPPLIED JACK LEAD

CONAX CARD READER AND DUAL USB HOST PORTS

ETHERNET PORT, WIFI AND 3G MODEM SUPPORT (DONGLES SUPPLIED SEPARATELY)

TIME SHIFTING, RECORDING, PLAYBACK AND MEDIA SUPPORT WITH EXTERNAL HDD (USB 2.0)

SPARK BOOT LOADER WITH SPARK PORTAL

DUAL BOOT FUNCTION WITH LINUX/E2 COMPATIBILITY

UNLIMITED CHANNEL SUPPORT (TV AND RADIO)

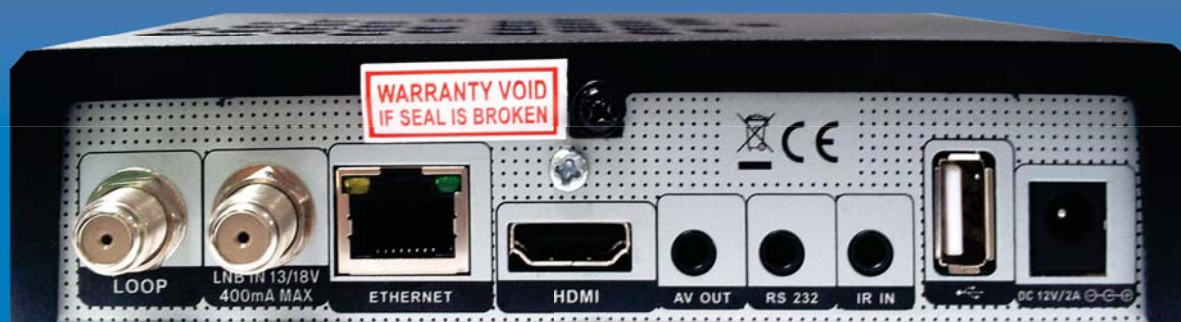YOUTUBE, RSS READER , WEB TV AND WEATHER FORECAST FUNCTIONS*

FEATURES

Embedded Conax Card Reader

7 Segment Display

Unlimited Channels Supported (TV & Radio)

Two High Speed USB Ports (Side and Rear)

Linux Based OS with Spark Portal

Teletext / Subtitles Supported

True Colour, User Friendly On Screen Display (OSD)

Timer Support - Set up to Eight Timers

Multiple Sort Types - including FAV, SAT, HD

YouTube, RSS Reader and Weather Forecast *

Full 1080P High Definition by HDMI**

Supports MPEG4/MPEG2 - HD/SD

DVB-S2 and DVB-S

Record, Timeshift and Playback with External HDD

EPG Support (Where Broadcast)

Parental Lock

Embedded Games

Real Time Clock (RTC)

Ethernet Connection and WiFi Support

(Icecrypt WiFi Dongle Available separately)

3G Dongle Support

DiSEqC 1.0, 1.1, 1.2 and USALS Compatible

Channel Switching Time <1 Second

SD Output by RCA(Lead supplied)

Multi Language Support

0.5W Stand-by Power Consumption

*Internet Connection Required/3rd Party Apps
subject to change

**HDMI Lead Not Included

SPECIFICATIONS

SATELLITE TUNER & CHANNEL DECODER

Input Connector	FEC Decoder F-type, IEC 169-24, Female
Loopthrough	FEC Decoder F-type, IEC 169-24, Female
Frequency Range	950MHz ~ 2150MHz
Input Impedance	75Ω, unbalanced
Sensitivity	-65 to -25dBm
LNB Power	13/18VDC, max.400mA
22KHz Tone	(22±1)KHz, (0.6±0.2)V
DiSEqC Control	V1.0/1.1/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 45 Mbps
FEC Decoder	1/2, 2/3, 3/4, 5/6 and 7/8 (DVB-S)
	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9 and 9/10 (DVB-S2)

MPEG TRANSPORT STREAM A/V DECODING

Transport Stream	MPEG-2, H.264
Input Rate	Max. 120Mbit/s
Video Formats	4:3,16:9, Letterbox
Video Decoding	MPEG-2, MP@ML, MPEG-4 part 10/H264
Video Resolution	720 x 576i, 720 x 576p, 720 x 480i, 720 x 480p
	1280 x 720p, 1920 x 1080i, 1920 x 1080p
Audio Decoding	Dolby Digital, MPEG-1 Layer 1 and 2, MPEG-2 Layer 2
Audio Mode	Left/Right/Stereo/Mono
Sampling Rate	32KHz, 44.1KHz and 48KHz (According to input)

MAIN SYSTEM

Main Processor	450 MHz based CPU
Memory	DDR2 SDRAM : 128MB x2
	NOR FLASH : 8MB
	NAND FLASH: 512MB

AUDIO / VIDEO & DATA IN/OUT

RCA	CVBS Video Output, Audio L, R Output
HDMI	Video & Audio Output
USB	USB 2.0 Host Side & Rear Support. (5 Vdc 500 mA max.)
Ethernet	RJ45 connector, 100 Mbps

FRONT/SIDE PANEL

Slot	1 Conax Card Slot
Display	7 Segment
Buttons	7 Buttons including Vol/CH+/-, OK, Menu, Power

POWER SUPPLY

Input Voltage	DC 12V/2A
Power Consumption	Max. 20W
Standby Power	Max. 0.5W

PHYSICAL SPECIFICATION

Size (W x H x D)	140mm X 33mm X 120mm
Weight (Net)	0.85KG
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C