

Full HD
1080P

Mini High Definition Satellite Receiver with Card Slot
S1600CHD



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

CONAX CARD READER AND DUAL USB

ETHERNET PORT AND WIFI SUPPORT (DONGLE SUPPLIED SEPERATELY)

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

YOUTUBE, RSS READER AND WEATHER FORECAST FUNCTIONS*



FEATURES

Embedded Conax Card Reader
 Up to 8,000 Channels Supported (TV & Radio)
 Small size - Mount on the back of a TV (IR Sensor required - available separately)
 Two High Speed USB Ports (Side and Rear)
 Teletext / Subtitles Supported
 True Colour, User Friendly On Screen Display (OSD)

YouTube, RSS Reader and Weather Forecast *
 Full 1080P High Definition by HDMI**
 Supports MPEG4 / MPEG2 - HD / SD, DVB-S2 / DVB-S
 Record, Timeshift and Playback with External HDD
 EPG Support (Where Broadcast)
 Parental Lock
 Embedded Games

Ethernet Connection and WiFi Support
 (Icecrypt WiFi Dongle Available separately)
 DiSEqC 1.0, 1.1, 1.2 and USALS Compatible
 SD Output by RCA (Lead Included)
 Multi Language Support
 0.5W Stand-by Power Consumption

*Internet Connection Required/3rd Party Apps subject to change
 **HDMI Lead Not Included



SPECIFICATIONS

TUNER & CHANNEL DECODER

Input Connector	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.300mA
22KHz Tone	(22±4)KHz, (0.6±0.2)V
DiSEqC Control	V1.0/1.1/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 45 Ms/s(QPSK of DVB-S) 2 ~ 45 Ms/s(QPSK of DVB-S2) 2 ~ 37 Ms/s(8PSK of DVB-S2)
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	H.264(MPEG-4 part 10, MPEG-4/AVC and H26L) MPEG-II ISO/IEC 13818-2/11172-2
Profile Level	MPEG-4/AVC MP@L4, MPEG-II MP@HL
Input Rate	Max. 120Mbit/s
Video Formats	4:3 Letter Box, 4:3 PanScan, 16:9
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	ALI3606
Memory	RAM : 128 Mbytes FLASH : 8MB

AUDIO / VIDEO & DATA IN/OUT

AV Output	3.5mm to CVBS Video Output, Audio L, R Output
HDMI	Video & Audio Output
IR Link	3.5mm Type (Lead Available Separately)
RS-232	1x 3.5mm Jack Type
USB	USB 2.0 Host Side & Rear Support. (5 Vdc 500 mA max.)
Ethernet	RJ45 connector, 100 Mbps

FRONT PANEL

Slot	1 Smart Card Slot
Display	Standby/Lock LED

POWER SUPPLY

Input Voltage	DC 12v/2A
Type	External
Power Consumption	Max. 15W
Standby Power	Max. 0.5W

PHYSICAL SPECIFICATION

Size (W x H x D)	144mm X 32mm X 110mm
Weight (Net)	0.5KG
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C

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