



High Definition Satellite and Terrestrial Receiver
Card Reader and CI Slot

STC3220CCIHD



FULL HIGH DEFINITION (1080P) SATELLITE AND TERRESTRIAL (COMBO) RECEIVER
DVB-S2/DVB-S/DVB-T2/DVB-T/H.264/MPEG4 HD
HDMI AND COMPOSITE OUTPUT
CONAX CARD READER, CI SLOT AND DUAL USB
ETHERNET PORT AND WIFI SUPPORT (DONGLE SUPPLIED SEPARATELY)
TIME SHIFTING, RECORDING, PLAYBACK AND MEDIA SUPPORT WITH EXTERNAL HDD (USB 2.0)
YOUTUBE, RSS READER AND WEATHER FORECAST FUNCTIONS*



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

Embedded Conax Card Reader
 Single Common Interface Slot
 7 Segment Display
 Up to 6,000 Channels Supported (TV & Radio)
 Two High Speed USB Ports (Front and Rear)
 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/DVB-S/DVB-T2/DVB-T
 Record, Timeshift and Playback with External HDD
 EPG Support (Where Broadcast)
 Parental Lock
 Embedded Games
 Digital Audio Output - Optical

Ethernet Connection and WiFi Support
 (Iccrypt WiFi Dongle Available separately)
 DiSEqC 1.0, 1.1, 1.2 and USALS Compatible
 Channel Switching Time <1 Second
 SD Output by RCA
 Multi Language Support
 0.5W Stand-by Power Consumption

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 subject to change

**HDMI Lead Not Included



SPECIFICATIONS

SATELLITE 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.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	1 ~ 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)

TERRESTRIAL TUNER & CHANNEL DECODER

Input Connector	IEC Type, Female
Frequency Range	47MHz ~ 862MHz
Constellations	QPSK, 16-QAM, 64-QAM, 256-QAM Rotated and Non Rotated
Demodulation	COFDM
FEC Decoder	1/2, 2/3, 3/4, 5/6 and 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32, 19/256, 19/128 and 1/128
FFT Mode	1K, 2K, 4K, 8K, 16K and 32K
Channel Bandwidth	VHF/UHF: 6MHz, 7MHz, 8MHz
Active Antenna Power	DC 5V Max 75mA

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	594 MHz based CPU
Memory	DDR SDRAM : 256MB FLASH : 16MB

AUDIO / VIDEO & DATA IN/OUT

RCA	CVBS Video Output, Audio L, R Output
Audio	Optical
HDMI	Video & Audio Output
USB	USB 2.0 Host Front & Rear Support. (5 Vdc 500 mA max.)
Ethernet	RJ45 connector, 100 Mbps
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps

FRONT PANEL

Slot	1 Conax Card Slot
Common Interface	1 CI Slot
Display	7 Segment

POWER SUPPLY

Input Voltage	AC 100-240v, 50/60Hz
Type	SMPS
Power Consumption	Max. 20W
Standby Power	Max. 0.5W

PHYSICAL SPECIFICATION

Size (W x H x D)	220mm X 46mm X 169mm
Weight (Net)	1.2KG
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C