

CCR 546
Digital Satellite
HD Receiver
Irdeto embedded (Secure Silicon)
Common Interface

CityCom
Communication Systems

CCR 546

CCR 546

DVB-S(2) HD receiver with Irdeto embedded
Suitable for all ORF channels (SD and HD)
and for HD Austria



Receiver

Receiver

Features

- 5000 channel locations for the reception of all digital DVB-S and DVB-S2 TV- and radio channels
- DVB-S MPEG-2 & H.264//MPEG-4 AVC compatible
- Irdeto embedded (Secure- and non Secure Silicon)
- 1 Common Interface slot
- 8-digit alphanumerical display
- 5 Front buttons
- Resolutions: 1080i, 1080p, 720p, 576p
- Subtitle supported: OSD & VBI for TV
- 8 Favorite lists with unlimited numbers of programmes
- Electronic Program Guide (EPG) up to 7 days
- Timerfunction (programmable via EPG)
- Fast channel switching
- Digital audio out S/PDIF (optical)
- Fast and easy installation & user-friendly menu
- Excellent audio and video quality
- DiSEqC 1.0, 1.2, USALS and Unicable
- Multilingual OSD
- Software upgrade via satellite (OTA) and USB
- Low power consumption
- Connection for external IR-reception

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Features

Tuner		
Input frequency	MHz	950 - 2150
Control signal		22KHz, DiSEq 1.0 & 1.2, Unicable
Input level range	dBm	-65 ~ -25
Impedance	Ohm	75
Video Decoder		
Video Decoder		ISO/IEC 13818-1 (MPEG-2 System)
Input stream	Mbit/s	max. 90
Symbol rate	MS/s	1 ~ 45
Video format		4:3, 16:9 Letterbox
Video decoding		ISO/IEC 13818-2 (MPEG2 Video) MP@HL, 14496-10 HP@L4
Audio Decoder		
Audio Decoder		ISO/IEC 13818-3 (MPEG2 Audio / MusiCam)
Audio Mode		Mono, Dual, Stereo, Joint Stereo
Chip & Memory		
CPU	MHz	STi 7111
Memory	MB	8 Flash, 256 DDR RAM
Demodulator		
Signal form		QPSK
Symbol rate	Msp/s	DVB-S QPSK: 1 - 45
Symbol rate	Msp/s	LDPC/BCH(DVB-S2) 8PSK/QPSK: 10 - 30
Viterbi decoding rate		Code 1/2 , 2/3 , 3/4 , 5/6 , 7/8
Bandwidth	MHz	36
Embedded Descrambler		
Type		Irdeto Secure / Non Secure Silicon
Power supply		
Mains voltage		100 ~ 240V AC, 50/60 Hz
Power consumption (On/Standby)	W	< 36W / < 1W
LNB-supply		13,5/18 V, max. 500 mA
Connections		
Tuner Input / loop through		2 x F-connector
Common Interface		1 x CI slot
TV-/ VCR- connection		Scart
Audio (HIFI)		2 x RCA connector
Audio (SPDIF)		optical
Component		3 x RCA Cinch (Y, Pb, Pr)
Video signal (analogue)		RCA connector
Video-/ Audio signal (digital)		HDMI
Data Interface		RS232
External IR-Sensor		Jack plug
General		
Dimensions (WxDxH)	mm	240 x 220 x 50
Weight (only Receiver)	Kg	1,336