



SF 908G HD Difference

Full HD Digital Satellite Receiver

Full HD support up to 1080p / Powerful compatibility through Embedded Linux OS
Web browsing supported (Google, YouTube, etc.) / MKV, Xvid file playback support



www.octagon-germany.de



CTAGON



Main Features

- * Full HD Satellite PVR receiver
- * HDMI Video & Audio Output (576i, 576p, 720p, 1080i, 1080p)
- * H.264 / MPEG4 - HD, SD / DVB-S2 Compliant
- * Recording & Playback with External USB 2.0 Devices
- * Recording and Time Shifting Simultaneously
- * Event Recording by EPG
- * USB 2.0 Host ports (MP3 Player & JPEG Viewer)
- * Various Media File Format Playback (Xvid file Playback)
- * 10/100 Base-Tx RJ-45 port
- * LED Display
- * Fully compliant with DVB-S2
- * Blind scan
- * Multi-LNB Controlled by DiSEqC Control Version 1.0, 1.1, 1.2 and USALS
- * Multi-Satellite Search
- * Support EPG (Electronic Program Guide)
- * On-Screen Display with Full Color & Resolution
- * Favorite Service Groups
- * Powerful Service Control by Favorites, Lock, Skip, Move and Delete
- * Service Sorting by Alphabet, Transponder and CAS
- * Multi-language Supported (OSD & Menu)
- * Teletext Support
- * Maximum 10,000 Services Programmable
- * PIP(Picture in Picture)
- * Parental Lock / System Lock / Installation Lock
- * CVBS Video & Audio Output via RCA
- * HDMI Video & Audio Output
- * Software & Service Database update via USB and Ethernet port

* Tuner & Channel Decoder

Input Connector	F-type, IEC 169-24, Female
Loop through out	F-type, IEC 169-24, Female
Frequency Range	950MHz ~ 2150MHz
Input Impedance	75Ω, unbalanced
Signal Level	-65 to -25dBm
LNB Power	13/18VDC, max.400mA
22KHz Tone	(22±2)KHz, (0.6±0.2)V
DiSEqC Control	V1.0/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 67.5 Ms/s(QPSK of DVB-S)
FEC Decoder	2 ~ 52.5 Ms/s(8PSK of DVB-S2)
	1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7(DVB-S)
	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. 80Mbit/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(HDMI Only)
Audio Decoding	Dolby Digital, MPEG-1 Layer 1,2 and 3
Audio Mode	Stereo/Joint stereo/Mono, Dolby AC-3
Sampling Rate	32KHz, 44.1KHz and 48KHz(According to input)

* Main System

Main Processor	Sti chipset STI7110
Memory	Flash-ROM : 256 Mbyte SDRAM : 256 Mbyte (2 x 128MB DDR2) EEPROM : 256 Bytes

* Audio / Video & Data IN/OUT

RCA	CVBS Video Output, Audio L/R Output
HDMI	Video & Audio Output
RS-232C	9-pin D-SUB (Male) type, Transfer rate 115Kbps
USB	USB 2.0 Host Support
Ethernet	10/100 Base-Tx RJ-45 port

* Front / Rear Panel

Slot	1 Smart Card Slot
Display	No
Buttons	3 Buttons(Standby, CH UP/DOWN)
Indicators	1 Dual-Color LED for Standby & On/Remote

* Power Supply

Input Voltage	AC 100 ~ 250V, 50/60Hz
Type	ADAPTOR (12V,2A)
Power Consumption	Max.24W
Protection	Separate Internal Fuse & Lighting protection

* Physical Specification

Size (W x H x D)	220mm X 35mm X 145mm
Weight (Net)	0.6 Kg
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C

