



SF 1008P SE+ HD INTELLIGENCE

Full HD Digital Satellite Receiver

H.264 / MPEG4 - HD,SD / DVB-S2 Tuner / Time Shifting with USB 2.0 Devices
Powerful compatibility through Embedded Linux OS / Recording & Playback with External USB 2.0 Devices

FREETV 
STB Client for IP-Hybrid Solution

 **3G** 
External via 3G USB Modem



www.octagon-germany.de



Main Features

- * Supports MPEG4/MPEG2 - HD/SD and Fully DVB-S2/DVB-S Compliant
- * Intelligent Blind Scan for both SD and HD TV & Multi-Satellite Search
- * Multi-LNB Controlled by DiSEqC Control Version 1.0, 1.1, 1.2 and USALS
- * HDTV PVR Receiver (H.264/ MPEG4 HD)
- * Embedded Linux OS
- * Time Shifting, Recording & Playback with External HDD (USB 2.0)
- * Simultaneously Records upto 3 Channels and allows Viewing of 2 others (PIP) on the same Transponder
- * Powerful Extended EPG supports Event Recording
- * Dual USB 2.0 Host ports (MP3 Player & JPEG Viewer)
- * MKV, Xvid file playback support
- * Ethernet Support
- * High Definition On-Screen Display
- * Favorite Groups
- * Powerful Service List Manager for Favorites, Lock, Skip, Move, Edit and Delete
- * Service Sorting by Name, Transponder and CAS
- * User Friendly & Multi-language Supported (OSD & Menu)
- * Teletext / Subtitles Supported
- * Maximum 10,000 Services(TV & Radio) Programmable
- * Picture-in-Picture (PIP) & Multi-picture Display
- * Parental Lock / System Lock / Installation Lock
- * HDMI Video & Audio Output (576i, 576p, 720p, 1080i, 1080p)
- * Supports Y/Pb/Pr(component) Output in HD
- * CVBS(composite) Video & Audio Output via RCA
- * CVBS, RGB, Video & Audio Output via TV SCART
- * Optical Output for Digital Audio(SPDIF)
- * Software & Service channel Database upgrade via USB & RS-232C port
- * 2 Smart card reader and 2 Common Interface Slots
- * 1W Stand-by Power Consumption

* 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 ~ 45 Ms/s(QPSK of DVB-S) 2 ~ 45 Ms/s(QPSK of DVB-S2) 2 ~ 35 Ms/s(8PSK of DVB-S2)
FEC Decoder	1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7(DVB-S) 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9 and 9/10 (DVB-S2/QPSK) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10(DVB-S2/8PSK)

* 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(supports only HDMI)
Audio Decoding	Dolby Digital, MPEG-1 Layer 1,2 and 3
Audio Mode	Stereo/Joint stereo/Mono, Dolby Digital bitstream
Sampling Rate	32KHz, 44.1KHz and 48KHz(According to input)

* Main System

Main Processor	Sti Chipset
Memory	Flash-ROM : 32 MBytes SDRAM : 256 MBytes EEPROM : 256 Bytes

* Audio / Video & Data IN/OUT

TV SCART	RGB, Y/C, CVBS Video, Audio L, R Output
RCA	CVBS Video Output, Audio L, R Output
Component	YPbPr Video Output
OPTIC	Dolby Digital (SPDIF)
HDMI	Video & Audio Output
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps
USB	USB 2.0 Host Front & Rear Support. (5V DC 500 mA Max.)
Ethernet	RJ45 connector, 100 Mbps

* Front Panel

Slot	1 USB 2.0 Host Slot 2 Common Interface PCMCIA slots 2 Smart Card Slot
Display	VFD(Vacuum Fluorescent Display) - 8Digit
Buttons	3 Buttons(Standby, CH UP/DOWN)

* Power Supply

Input Voltage	AC 100 ~ 250V, 50/60Hz
Type	SMPS
Power Consumption	Max. 30W
Protection	Separate Internal Fuse & Lighting protection

* Physical Specification

Size (W x H x D)	300mm X 58mm X 220mm
Weight (Net)	1.6 Kg
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C

