



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

- * Full HDTV PVR Receiver (DVB-S/S2)
- * H.264 / MPEG4 - HD/SD, DVB-S2 Tuner
- * Betriebssystem Linux OS
- * Time-Shifting mit externen HDD (USB 2.0)
- * 3 Sender Aufnahmen + 2 Sender LIVE ansehen (PIP)
- * Einfache Aufnahmeprogrammierung aus dem EPG
- * 2 x USB 2.0 Anschluss (MP3 Player & JPEG Viewer)
- * Xvid & MKV Support
- * Ethernet- Schnittstelle (LAN 10/100Mbit)
- * BlindScan (SD/HD)
- * Alphanumerisches VFD Display
- * Multi-LNB Unterstützung durch DiseqC-Steuerung Version 1.0, 1.1, 1.2 und USALS
- * Hochauflösendes OSD Oberfläche
- * Favoriten- Gruppen für TV und Radio
- * Kanalsortierungsfunktionen wie löschen, umbenennen, verschieben, sperren
- * OSD in verschiedenen Sprache
- * Teletext und Untertitel Unterstützung
- * 10.000 Programmplätze für TV & Radio
- * PIP und Multipicture (Bild-in-Bild) Funktion
- * Kindersicherung
- * HDMI - Ausgang von Bild und Ton (576i, 576p, 720p, 1080i, 1080p)
- * YUV (Komponentenausgang)
- * Cinch- Buchsen für AV- Signal (FBAS, Stereo-Audio)
- * FBAS, RGB und Y/C- Signal über SCART (TV)
- * Optischer (SPDIF) Ausgang über Dolby
- * Software- Update Funktion über USB/RS-232/Netzwerk
- * 2 CONAX CA und 2 CI PCMCIA
- * UNICABLE & FastScan Support
- * 1Watt Stand-by Verbrauch

* 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

