



SF 918 SE+ 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



Main Features

- * Digital Satellite receiver & PVR Ready
- * 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)
- * Xvid file play back supported
- * 10/100 Base Tx Ethernet port
- * 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
- * Optical Output for Digital Audio(SPDIF)
- * Software & Service Database update via USB and Ethernet port

* Tuner & Channel Decoder (Satellite)

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) 2 ~ 52.5 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) 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 MPEG-4/AVC MP@L4, MPEG-II MP@HL
Profile Level	Max. 80Mbit/s
Input Rate	
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 AC-3
Sampling Rate	32KHz, 44.1KHz and 48KHz(According to input)

* Main System

Main Processor	STI Chipset
Memory	Flash-ROM : 32 MBytes SDRAM : 256 MBytes (DDR2) EEPROM : 256 Bytes

* Audio / Video & Data IN/OUT

RCA	CVBS Video Output, Audio L, R Output
HDMI	Video & Audio Output
OPTIC	AC-3 Dolby Digital (SPDIF)
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps
USB	USB 2.0 Host Support
Ethernet	TX 10/100M Base
IR extension	Removable IR extension

* Front Panel

Slot	Common interface & 1 Smart Card Slot (Rear)
Buttons	3 Buttons(Standby, CH UP/DOWN)
Indicators	1 LEDs(Standby, Power and Remote : DUAL TYPE)

* Power Supply

Input Voltage	AC 100 ~ 240V, 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

