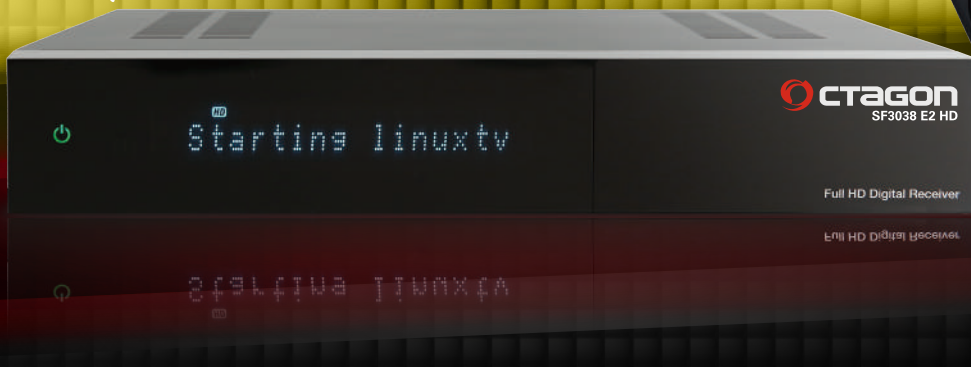




SF3038 E2 HD

Full HD Triple detachable tuner Receiver with E2 Linux OS

Triple Tuner PVR



- Full HD 1080P
- 1.3GHz Dual Core CPU
- E2 OPERATING SYSTEM
- 0.5W deep standby power consumption
- 3 Detachable Tuner slots
- 2.5" HDD
- 2 smart card reader slots
- 1 CI slot
- 3 USB Slots (1Front, 2Rear)
- E-SATA



1.3GHz
Dual Core CPU



LINUX

3 Detachable
Tuner slots

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



ETHERNET



X3 USB

<http://www.octagon-germany.eu/>

SPECIFICATION

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	2~45Ms/s(QPSK of DVB-S) 2~30Ms/s(8PSK Turbo)
FEC Decoder	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK of DVB-S2) 3/5, 2/3, 3/4, 5/6, 8/9 and 9/10 (8PSK of DVB-S2)

MPEG Transport Stream A/V Decoding

Transport Stream	H.264(MPEG-4 part 10), MPEG-4 part2, AVC/SVC/MVC and MPEG-2 MPEG-4 Part 10 ISO/IEC 14496-10, MPEG-2 ISO/IEC 13818-2
Profile Level	H.264/AVC Main and High profile@L4.2, MPEG-2 MP@HL, VC-1 Advanced profile@L3
Input Rate	Max. 125Mbit/s
Video Formats	4:3 Letter Box, 4:3 PanScan, 16:9
Video Resolution	720x576i, 720x576p, 720x480i, 720x480p, 1280x720p, 1920x1080i, 1920x1080p
Audio Decoding	AAC LC, AAC LC+SBR Level 2, AAC+Level 4, WMA pro, Dolby Digital, Dolby Digital Plus, MPEG-1 Layer 1,2 and 3(MP3)
Audio Mode	Stereo/Mono, Dobby Digital Plus, MPEG and AAC audio
Sampling Rate	16KHz, 32KHz, 44.1KHz and 48KHz (According to input)

Main System

Main Processor	1.3GHz Dual Core (3000DMIPS)
Memory	Flash-ROM : 512Mbytes SDRAM : 1GBytes (DDR3)

Physical Specification

Dimension (L x W x H)	260x135x45mm
Weight (Net)	1.0Kg
Operating Temperature	0°C ~+45°C
Storage Temperature	-10°C ~+70°C

Tuner & Channel Decoder (Hybrid Terrestrial/Cable)

Input Connector	IEC-DIN-PLUG, Female
Loop through out	IEC-DIN-PLUG, Male
Receiving Channel	VHF(S Band I/II, VHF I/III) UHF(S Band III, UHF VI, V)
Input Impedance	75Ω, unbalanced
Demodulation	QPSK, 16, 64, 256 QAM
Channel Bandwidth	6, 7, 8MHz
FET mode	1K, 2K, 4K, 8K, 16K, 32K
Code Rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6
Guard Internal	1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128
Channel Bandwidth	6, 7, 8MHz
Modulation type	QPSK, 16QAM, 64QAM
FFT mode	2K, 8K
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Internal	1/4, 1/8, 1/16, 1/32

Rear A/V and Data IN/OUT

RCA	CVBS Video, Audio L, R Output
HDMI	Video & Audio Output
Optic	AC3 Digital Audio Output
USB	USB2.0 Host (1 Front, 2 Rear)
Ethernet	RJ45 Connector, 10/100M
e-SATA	External SATA HDD Support

Front Panel

Slot	1 USB 2.0 Host Port 1 Common Interface Slot 2 Smart Card Slots
Display	VFD 16Digits
Button	1 Button (Standby)

Power Supply

Input Voltage	AC 100~250V, 50/60Hz
Type	Adaptor (12V, 2.5A)
Power Consumption	Max. 40W
Standby Power	Max. 0.5W
Protection	Separate Internal Fuse & Lightning protection



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