



SF4008 E2 4K UHD  
Ultra-HD Receiver with E2 Linux OS

*Twin Dual Tuner PVR*



- 4K UHD (2180p60)
- High-performance dual-core 12000 DMIPs ARMv7 processors
- E2 OPERATING SYSTEM
- 0.5W deep standby power consumption
- 2 Detachable Dual Tuner slots
- 2.5" HDD
- 1 smartcard reader slot
- 1 CI slot
- 4 USB slots (1xUSB3.0, 3xUSB2.0)



High-performance  
Dual-core 12000  
DMIPs ARMv7 processors



LINUX



2 Detachable Dual  
Tuner Slots

HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE



3xUSB2.0  
1xUSB3.0

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

## SPECIFICATION

### Tuner & Channel Decoder [DVB-S2X]

Input Connector X 2	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, 8/16/32APSK
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]

### Tuner & Channel Decoder [DVB-C/T2]

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 Interval	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 Interval	1/4, 1/8, 1/16, 1/32

### MPEG Transport Stream A/V Decoding

Video CODEC	H.265/HEVC Main Profile and Main10 Profile VP9 8b / WMV
Video Resolution	3840x2160p50
Audio CODEC	AAC/MP3/AC3/AC3+/WMA

### Rear A/V and Data IN/OUT

HDMI	Video & Audio Output
Optic	AC3 Digital Audio Output
USB	USB2.0 Host (2 Rear) USB3.0 Host (1 Rear)
USB3.0 Host (1 Rear)	RJ45 Connector, 1Port[10/100/1000M]

### Main System

Main Processor	The Brahma15 (10k DMIPS)
Memory	NOR-Flash : 4 MByte DDR Size/Type : 1 GByte / DDR4 Flash EMMC 4GByte

### Power Supply

Input Voltage	AC 100~250V, 50/60Hz
Type	Adaptor (12V, 3.5A)
Power Consumption	Max. 42W
Deep Standby Power	Below max. 0.5W
Protection	Separate Internal Fuse & Lightning protection

### Front Panel

Slot	1 USB 2.0 Host Port / 1 Common Interface Slot
Display	7 Segment
Button	1 Button (Standby)

### Physical Specification

Dimension (L x W x H)	260x215x45mm
Weight (Net)	1.2 kg
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +70°C



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