

# Professional Headend 32 x DVB-S(2) into QAM

Part # SP-BLUBOX32



**FOXTEL  
APPROVED  
F30793**



## KEY FEATURES

- 32 x DVB-S(2) (QPSK/8PSK) into DVB-C (QAM).
- For the reception of SD/HD TV and Radio programs.
- Compact dimensions and high energy efficiency.
- LNB control with 14/18V + 22KHz or DiSEqC
- Configuration via LAN/IP
- Complete processing of the transport streams possible.
- All 32 output channels can be placed individually in the spectrum.
- Two individual input ports
- Redundant power supply
- Dimensions: 488 x 361 x 265
- 19" Rack Mount or Wall Mount



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SAT IF Input	Frequency range	950...2150 MHz	
	AFC range	1MHz	
	AGC level range	64...94 dB $\mu$ V	
	Through loss	$\leq$ 2,5 dB	
	LNB supply voltage	14 / 18 V (400 mA), DiSEqC 1.0	
Demodulator / Decoder	DVB-S	Modulation	QPSK (EN 300 421)
		Symbol rate	1...45 MSps
		Code rate (Viterbi)	1/2, 2/3, 3/4, 5/6, 7/8
		Signal Processing	ETS 300 421 (DVB-S)
		DVB-S(2)	Modulation
	Symbol Rate		2... 47 MSps (QPSK); 2... 31,5 MSps (8PSK)
	Code Rate (LDPC)		QPSK = 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8 PSK = 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
	Signal Processing		ETS 302 307 (DVB-S2)
	QAM-Output		Symbol rate
		QAM Constellation	16, 32, 64, 128, 256
Output level max		85 dB $\mu$ V	
Sum level setting		1 dB (+3dB)	
Individual level setting		0,5 dB (+3dB)	
Channel Allocation		adjacent channel compatible (IEDGE)	
Connectors		F Female, 75 $\Omega$ (IEC 60169-2)	
Through Loss		1dB	
Output Frequency Range		47... 862 MHz	
Switch Mode Power Supply (redundant)		Mains Power Supply V-:	100... 240V / 47... 63Hz
	Power Consumption Max	138W + LNB	
	DC Output Voltage	12V	
	Current Drain Max	16A	
	Ambient Temperature	-10... +55 $^{\circ}$ C	

