

## FMUSER FBE308 Satellite Receiver for hotel IPTV FTA



### Overview:

FMUSER FBE308 Satellite Receiver is a head-end interface conversion device which supports MPTS and SPTS output switchable. It supports 2 MPTS or 256 SPTS output over UDP and RTP/RTSP protocol. It is integrated with tuner demodulation (or ASI input) and gateway function, which can demodulate the signal from 8 tuners into IP package, or directly convert the TS from ASI input and tuner into IP package, then output the IP package through different IP address and ports. BISS function is also embedded for tuner input to descramble your tuner input programs. Also suitable

Cable digital TV adjacent frequency front-end system, hotel IPTV network TV system and hotel satellite digital TV system.

## Features:

- **BISS Function:** The FMUSER FBE308 Satellite Receiver also features BISS function for tuner input to descramble tuner input programs. This feature ensures that viewers receive high-quality content that is free from error and distortion.
- **Input and Output Ports:** FMUSER FBE308 Satellite Receiver features 8 FTA DVB-S/S2/S2X input ports, 1 ASI input port, and 1 USB input port. It also offers 8 tuner input ports, Web port, GE1&2 IP output ports, and ASI input&output ports switchable. It also provides 2 independent GE output ports, GE1 (128 SPTS) + GE2 (128 SPTS) , resulting in a total output of 2 MPTS.
- **Advanced Filtering and Re-mapping Features (Only for SPTS output):** The FBE308 Satellite Receiver supports advanced filtering and re-mapping features that allow users to customize their output signals. This feature-rich device supports PID filtering and re-mapping for SPTS output, ensuring that users receive high-quality signals that are free from errors.
- **Null PKT Filter Function(Only for MPTS output):** The FBE308 Satellite Receiver also has a "Null PKT Filter" function for MPTS output. This feature ensures that the device only sends valid packets, eliminating the need to send unnecessary packets that could cause congestion on the network.
- **Web-Based Management:** FBE308 Satellite Receiver is easy to manage via web-based management. Users can easily configure and monitor the device

remotely, reducing the need for physical interaction with the device.

- Conclusion: FBE308 Satellite Receiver is a feature-rich device that offers advanced signal processing, filtering, and re-mapping capabilities. It is a versatile solution that provides high-quality output signals, making it ideal for various broadcast applications.

## Specification:

Input		8 tuners input +1 ASI input +1 USB	
Satellite	DVB-S	Frequency In	950~2150MHz
		Symbol rate	0.5~45Msp
		Signal Strength	- 65- -25dBm
		FEC	1/2, 2/3, 3/4, 5/6, 7/8
		Constellation	QPSK
		Max input bitrate	≤125 Mbps
	DVB-S2	Frequency In	950~2150MHz
		Symbol rate	QPSK/8PSK / 16APSK :0.5~45 Msps 32APSK: 0.5~34Msp;
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/ 10
		Constellation	8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/ 10 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/ 10 32APSK: 3/4, 4/5, 5/6, 8/9, 9/ 10
		Max input bitrate	QPSK, 8PSK, 16APSK, 32APSK ≤125 Mbps
	DVB-S2X	Frequency In	950~2150MHz
		Symbol rate	QPSK/8PSK / 16APSK :0.5~45 Msps 8APSK: 0.5~40Msp 32APSK: 0.5~34Msp
	FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/ 10, 13/45, 9/20, 11/20 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/ 10 8APSK: 5/9-L, 26/45-L 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/ 10, 1/2-L, 8/15-L, 5/9-L, 26/45, 3/5, 3/5-L, 28/45, 23/36 , 2/3-L, 25/36, 13/ 18, 7/9, 77/90 32APSK: 3/4, 4/5, 5/6, 8/9, 9/ 10, 2/3-L, 32/45, 11/ 15, 7/9	

		Constellation	QPSK, 8PSK, 8APSK, 16APSK, 32APSK
		Max input bitrate	≤125 Mbps
BISS Descrambling	Mode 1, Mode E (Up to 850Mbps) (descramble individual program)		
Output	256 SPTS IP output over UDP and RTP/RTSP protocol through GE1 and GE2 port (IP address and port number of GE1 and GE2 are different) , Unicast and Multicast		
	2MPTS IP output (for Tuner/ASI/USB pass-through) over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast		
	2 ASI output		
System	Web based management		
	Ethernet software upgrade		
Miscellaneous	Dimension	482mm×230mm×44mm (W×L×H)	
	Approx weight	2.5kg	
	Environment	0~45C(work); -20~80C (Storage)	
	Power requirements	100~240VAC, 50/60Hz	
	Power consumption	20W	