

FUTV4501 QPSK modulator



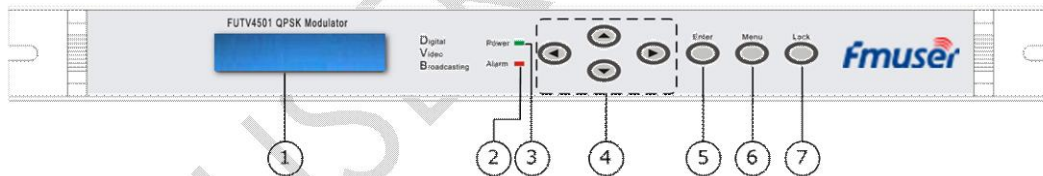
Outline

The FMUSER FUTV4501 QPSK modulator is a high performance modulator developed according to DVB-S (ETS300-4221) QPSK standard. It has powerful spectral efficiency, advanced anti-jamming and competitive price-performance ratio. Apart from these, this modulator also has access to FM microwave device. Moreover, to guarantee the high transmission performance, this QPSK modulator adopts the disposal of energy diffusing, RS coding, convolution interlacing and pre-modulated baseband shaping. To sum up, all the approaches make this FUTV4501 QPSK modulator can be widely used in Broadcasting, Interactive Services, News Gathering and other Broadband satellite applications.

Features

- | Fully complying with DVB-S (ETS300-421) QPSK standard
- | Output frequency range: 950~2150MHz
- | ASI standard Input connector
- | Supporting local and remote control
- | Output level attenuation
- | High stability and powerful anti-jamming performance
- | Full-size front panel LCD display and keyboard

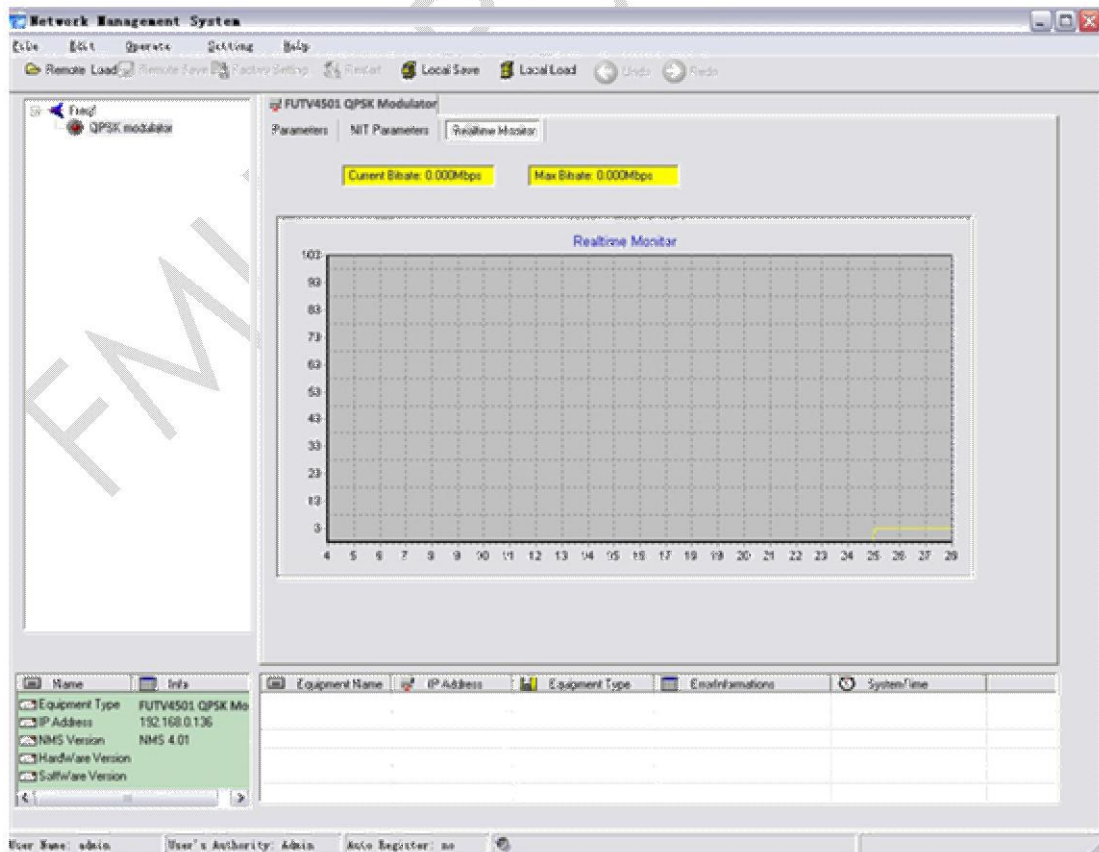
Appearance and Illustration

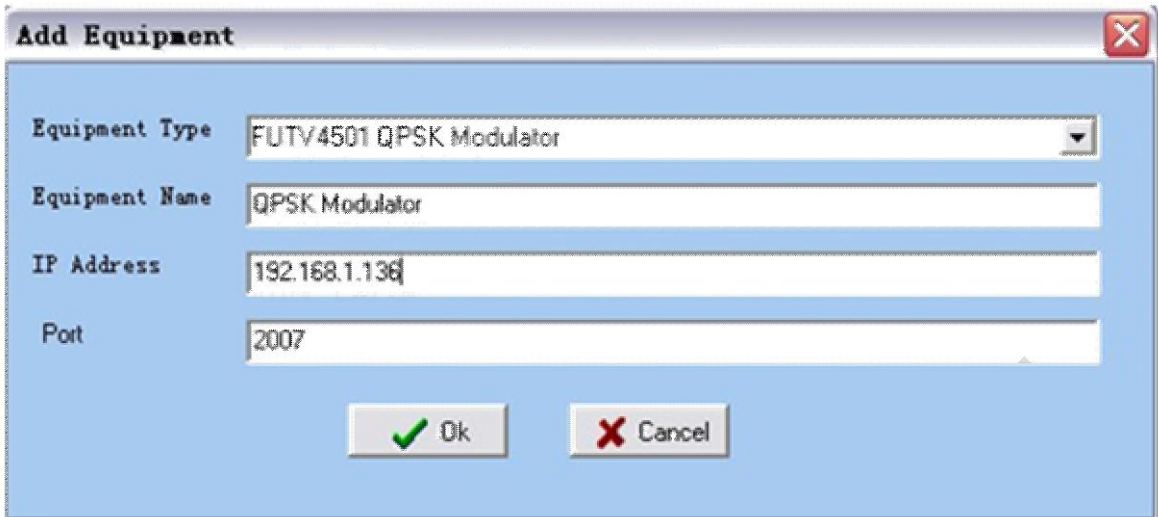


1.	LCD Display
2.	Alarming Indicator (It will light on when QPSK modulator works at current mode.)
3.	Power Indicator (It will light on when QPSK modulator works at current mode.)
4.	Up/Down/Left /Right key
5.	Enter: Confirmation key
6.	Menu key
7.	Locking key

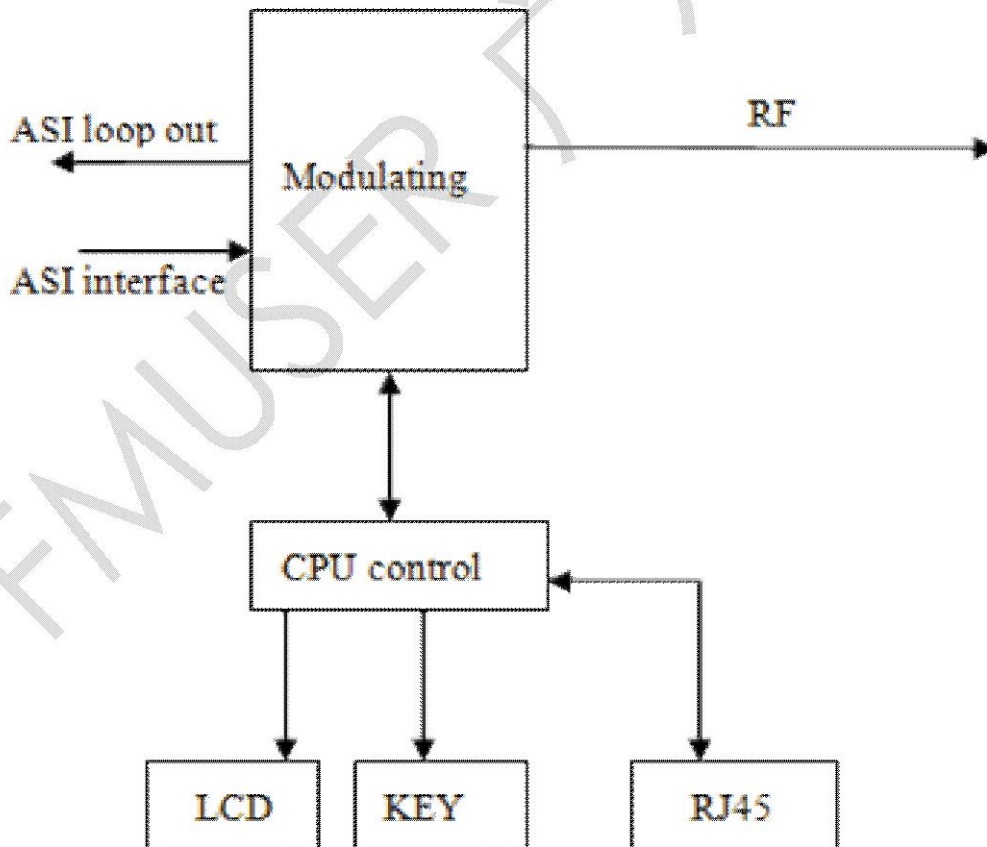


1.	Network Interface
2.	ASI1Input
3.	ASI1Loop Output
4.	RF TEST
5.	RF Output
6.	Power Socket
7.	Grounding Pole





Principle chart



Specifications

Modulation	QPSK
Input	ASI Standard connector
Output	50 F Type
RF Range	950~2150MHz
Symbol Rate	1.5M~45Mps
Roll-off factor	Option 0.35、 0.25、 0.20
Convolution	Option 1/2、 2/3、 3/4、 5/6、 7/8
Output level range	0~20dB in 1dB step
Environment	0 ~ 45 (operation) ; -20 ~ 80 (storage)
Power Supply	~220V(~180V~250V) 50Hz~60Hz 20VA
Dimension	44mm´482mm´430mm(H*W*D)

Package List

1pc * FUTV4501 QPSK modulator

1pc * User's manual

1pc * Power cord

1pc * ASI wire