


Modelo: Q101	ESPECIFICACIONES TECNICAS	
Fecha: 2013		
Hojas 1 de 2		
Asunto	MODULADOR QAM Anexo A/B	

In the process of digital television programs broadcasting, QAM modulator is the special equipment in the head-end of the digital CATV, it receives the TS stream from encoder、multiplexer、DVB gateway、scrambler、video server broadcasting and so on to modulate and channel encoding. The radio-frequency signal output form QAM modulator or disposed by up-convert frequency can be transmitted in the CATV network. QAM modulator accords with the DVB standard required by Europe and the international standard organization, applied in all of the CATV head-end system and MMDS system.

1.1 Front-panel

The front-panel figure of Q101 modulator following fig11:



Figure1-1

1、 four indicator light

POWER: the indication of power, when power in on, the light be green

INPUT LOCK: the light will be on when there is code stream

TEMP ALARM: temperature annunciator, light will be on when giving an alarm

OUTPUT ALARM: output annunciator, light will be on when giving an alarm

2、 Illumination of keystroke in panel

There are 6 keystrokes in the panel: up、 down、 left、 right cursor key, MENU key, OK key. Using MENU key to back upper menu (press the key to enter main menu when there is no press of the key), using OK key to affirm. Using up、 down cursor key to scroll, to increase or decrease the number, using left、 right cursor key to change the current number location or control option (e.g. inversion/normalization of the output frequency spectrum).

Function and characteristic

- Accord with the standard ITU-TJ.83 DVB-C
- Support all variable rate and all QAM level
- Support 3 kinds of filter/selection mode
- Support the modification of NIT table
- High-Definition PCR emendation
- Provide the function of intelligent buffer control
- Support 10/100M Ethernet long-rang control
- Provide RF inspect interface
- Password setting support
- Support hot-backup and automatic control of electricity
- Support modification of all kinds PSI/SI tables, can customize
- Support NIT、SDT edit
- Run log/transaction report
- Provide function of temperature inspection and protect

General parameter

- Environment temperature parameter:
 - Working temperature: 0 - 45°C
 - Deposited temperature: -20 - 70°C
- Power supply: 220V AC
- Power: 30W
- Weight 6KG
- Size: 19inch 1RU box