

DTO-1000 – MODULATOR DVB-C QAM modulator

The DTO_1000 DVB-C QAM modulator is a part of a digital equipment family developed by Teletechnika Kft. Due to this, it is easy to switch to an effective, and

moreover cost-effective digital broadcasting system from the most common, and nowadays increasingly outdated analog broadcasting system.

This appliance allows you to modulate one selectable carrier frequency with a standard Single or Multiprogram Transport Stream in 16, 32, 64 QAM modes and to pass it through an existing CATV network. The transmitted data rate can be 0,9MS/s to 6,5MS/s. The equipment can receive Transport Stream via parallel LVDS or ASI ports. The incoming Transport Stream from both inputs can be forwarded to the ASI Output port for further utilization. The equipment can be fully controlled from the front panel. The DTO-1000 has a management software as well, thus all of the settings can be accessed by computer, and the device can be continuously monitored via an Ethernet port.



The main parameters of the equipment:

- 16-, 32-, 64-QAM modulation modes
- LVDS parallel input
- ASI in/output
- Adjustable input bitrate, and symbol rate
- Programmable output frequency
- High output level, high spectrum clearance
- Compliant with DVB, DAVIC and ITU-T J.83 Annex A,B,C
- Mains voltage: 230V AC
- Frequency: 50 Hz
- Power consumption: max. 65 W
- 1 U height
- Connections:
 - TS: parallel LVDS, ANSI TIA/EIA-644, 100 Ohm, DSUB-25 (f)
 - RF output: 'F' (f)
 - DVB-ASI: standard EN50083-9, 270 Mbps +/- 100 ppm, 75 Ohm, asymm., BNC (f)