PLANAR

ITM-20T2
Remote Service TV Analyzer

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The ITM-20T2 analyzer is designed for measuring of analog and digital TV signal parameters remotely. It should be placed in cable or terrestrial network communication node for automatic continuous control of signal parameters.

- Support for DVB-C/T/T2 standards
- Level, MER and BER for channels with digital modulation
- Software adjustment and updating via web-interface
- Possibility of connecting a security lop with reporting violation into ViewRSA software or via SNMPv1

- Level, signal/noise for channels with analog modulation
- Working by channel plan and single-channel mode
- Monitoring of parameters via ViewRSA app, and via software that supports SNMPv1 protocol
- Powered by an external adapter or Ethernet network – PoE (optional)
- Mounting on DIN-rail

SPECIFICATIONS

Operating frequency range	44 to 1006 MHz
Frequency resolution	125 kHz
Level measurement range	30 to 90 dBμV
Level measurement accuracy	±2 dB
C/N ratio measurement range (for channels with analog modulation)	20 to 45 dB
Modulation type DVB-C	QAM64, 128, 256
MER measurement range: - DVB-C - DVB-T - DVB-T2	22 to 40 dB 14 to 32 dB 22 to 32 dB

MER measurement accuracy	± 2 dB
BER measurement range	$1{,}0 \times 10^{-2}$ to $1{,}0 \times 10^{-8}$
Power supply voltage	8 to 24 V
Ethernet power supply standard (PoE)	IEEE 802.3af
Power consumption	less than 5W
RF input type	75 Ohm, F-female
Control interface	Ethernet/RJ45/ 100Base-TX
Dimensions	106x103x57 mm
Operating temperature range	0 to +50 ^{0}C

Test & Measurement
Regional Sales