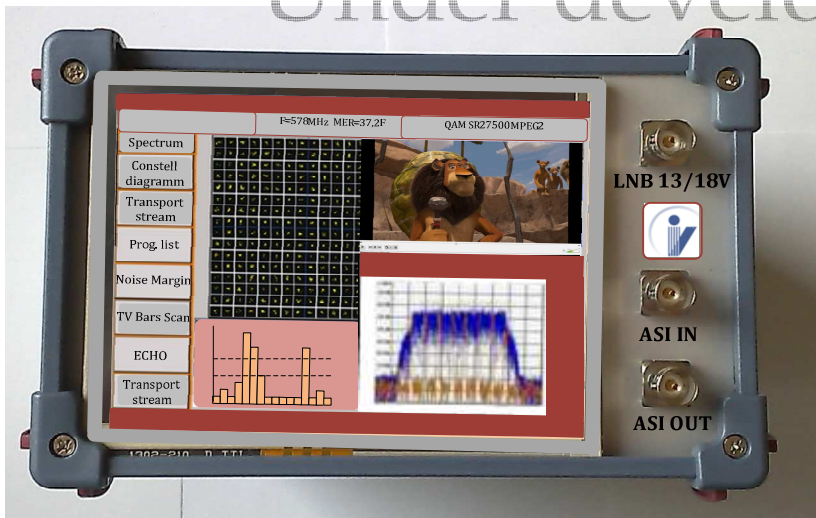


The Q-LINK-TV is the first line of portable multifunctional measuring equipment for cable, satellite and terrestrial television developed by INCOTEX.

Under development



TV Bars Scan
analog and digital

Noise Margin and
Level measurements

Professional spectrum
analysis

Signal quality
FAIL-MARG-PASS

Impulse response
ECHO in COFDM

DVB-S/S2, COFDM, QAM constellations
Measurements of modulation parameters
MER, aBER, bBER, EVM

Touch screen display
Measurements, pictures, and
settings on one screen

High quality MPEG decoder
MPEG2, MPEG4(H264) SD & HD

H115xL175xD215
Weighs only 2,5kg

TUNING

Digital frequency synthesis
from 5 to 862 MHz for Cable and
Terrestrial
from 900 to 2150 MHz for Sattelite
RF Input

Impedance 75 Ohm

Connector BNC/F

Level measurement

Measurement range
Terrestrial TV 30 dB μ V to 120 dB μ V
Satellite TV band 30 B μ V to 120 dB μ V
Maximum signal 130 dB μ V
Level unit dB μ V, dBmV or dBm

LNB control DSEqC 11, 13V/18V 22kHz

Spectrum analyzer

Terrestrial TV 30 dB μ V to 120 dB μ V
Satellite TV 30 dB μ V to 120 dB μ V
Measurement bandwidth
Terrestrial 130 kHz, 1 MHz
Satellite 130 kHz, 4 MHz
Span
Terrestrial
Full span 500 – 200 – 100
– 50 – 32 – 16 – 8 MHz
Satellite Full span – 500 – 200
– 100 – 50 – 32 MHz
4 markers with level, frequency,
level difference and frequency
difference

Digital measurements

COFDM
BER after Viterbi
Modulation QPSK, 16-QAM, 64-QAM
BW = 8 , 7 , 6 MHz
QAM
BER before FEC (Forward Error Correction)
MER (Modulation Error Ratio)
1 to 7 Mbauds
QPSK/8PSK
from 2 to 45 Mbauds
BER before Viterbi (aBER)
BER after Viterbi (bBER)

Transport stream measurements

ETSI TR 101 290 1,2,3 priority