D A T A S H E E T

XTASI-RF input with DVB-T/T2 analysis

XTASI-RF is a pocket-sized **DVB-T/T2** receiver-input device in a robust aluminium housing.
The USB-powered modules turn a tablet computer into an economic broadcast measurement system.

parameter-set per DVB-T/T2 channel

- Level (field-strength with k-factor)
- Constellation display MER, EVM
- LDPC, pre and post BCH-FEC errors (T2)
- L1 pre, and post signaling (T2)
- Data PLP, and active PLP signaling (T2)
- Transmitter Parameter Signaling (T)
- Demodulated MPEG transport stream analysis

interfaces

RF Connector	BNC (female) - 50 Ω
	46.5 MHz .. 870 MHz
USB 2.0	Mini-socket, high speed

physical and power

Length	100 mm / 3.9 in
Height	16 mm / 0.6 in
Width	42 mm / 1.7 in
Weight	< 110g & 0.24 lbs
Power supply	USB 2.0, self-powered

fields of use

- Testing of all elements in the T/T2 broadcast chain, including DVB-T2 MI
- Off-air reception and coverage verification (includes antenna factors and GPS control)

benefits

- Simple evaluation of broadcasting equipment
- Hardware and Software from one supplier
- Compact, USB-powered device
- XTASI-ASI sister-modules available

characteristics

- MER > 42 dB (L1 and PLP readings)
- Level accuracy 1.5 dB (-80..-40 dBm)
- DVB-T/T2 receiver with Constellation, Spectrum and Impulse Response analysis
- Transport Stream analysis
- Picture decoding of all services
- Supporting 64bit Windows®
- Multiple devices on a single computer

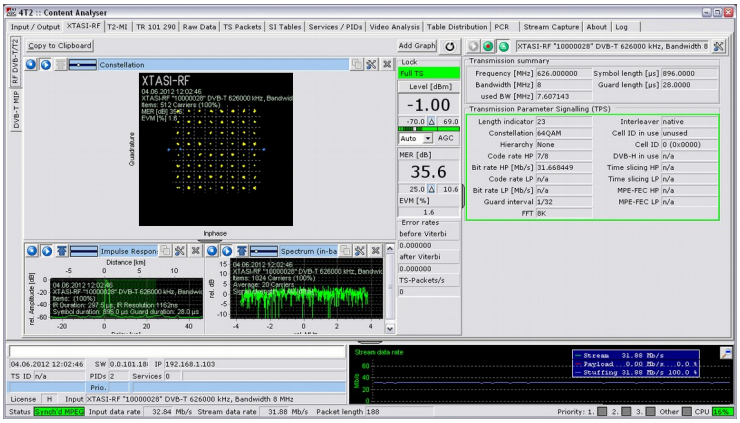
environmental

Operating temperature	0 ÷ 55°C (32 ÷ 131°F)
Storage temperature	-20 ÷ 70°C (-4 ÷ 158°F)
Humidity	0 to 95%, non condensing

package contents

XTASI-RF input module
Carrying pouch (130x100x60) mm, 150g
USB high speed interface cable

4T2 Content-Analyser application (download)



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