



HIGHEST PERFORMANCE WITH AN INTUITIVE MANAGEMENT ADVANCED REAL TIME MONITORING OF 4 MUX OVER IP/ASI AND RF INPUTS





RF ANALYSIS

- O Real Time spectrum
- O Two ways of operation: channel analysis or multiple channel polling
- O Signal quality measurements: Power, C/N, MER, BER
- O Alarm log (real time) and representation (time evolution)

TS ANALYSIS

O Bitrate analysis
 O Level1, 2 priority error analysis as TR 101 290 recommendations
 O Table repetition and quality analysis
 O Services treeview

AND MUCH MORE...

O Video thumbnails
O 4 RF input, 4 ASI input, 4 ASI output, and HDMI audio/video output
O Ethernet connectivity
O Full historial measurements with alarm analysis
O HTML5 control application
O SNMP v2.0 alarms

OPTIONAL FEATURES

- ✓ IP (TSoIP) INPUT with VLAN and IGMP support
- ✓ Redundant IP INPUT
- ✓ Advanced Measurements
- (Full Spectrum, Constellation, Frequency offset) ✓ Extended TS Analysis
- (Level 3 priority errors, PCR Jitter, Network Delay) ✓ TS Recording
- (Manual and alarm triggered
- ✓ Live Streaming
- ✓ PID monitoring
- ✓ Bit rate monitoring



RCS400

ADVANCED REMOTE MONITORING SYSTEM FOR DVB-C

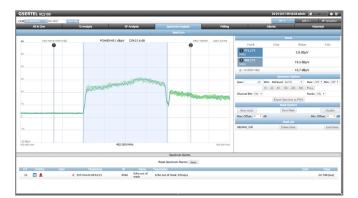


MANAGEMENT SYSTEM



ALL IN ONE

Shows an overview of the channel status on one screen. It shows spectrum, services, measurements, alarms, Pids. All integrated in a single view for quick analysis



FULL SPECTRUM (OPT.)

Represents realtime spectrum of the monitorized channel with detailed measurements, mask, max. and min. hold features

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Standards

ETSI TR 101 290
ETSI EN 300 429 (DVB-C)
Inputs
RF: 4 x 75 Ω N connector
RF Input Frequency:
47MHz to 1GHz
10Mhz BNC 50 Ω
TS: 4 x ASI IN BNC 75Ω.
IP: 2 x GE RJ45 (TSoIP) (opt.)

Outputs TS: 2x ASI OUT BNC 75Ω A/V: 1 x HDMI

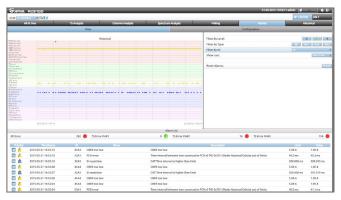
	RF Measurements
	20 MHz Spectrum
_	Power, C/N
	MER
	BER (Annex A/C)
	Pre-BER (Annex B) and Post-BER (Annex B)
	Constellationn (opt.)
	Full Spectrum (opt.)
	MPEG Measuremenst
_	Level 1,2 y 3 priority errors (level 3 opt.)
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Alarms log analysis PCR Jitter (opt.)

	All in One			TS Analysis		Rf Analysis Polling Alarms	Historical
				Polling		Configuration	
		Meas	ures			Polling Polling	
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24 498MHz	25.1	7.2				50	
25 506MHz	24.7 😦	8.10					
26 514MHz	23.6	6.98				*	
27 522MHz	35.08	14.6	<16.0	9.76-2.	>1.05-3		
28 530MHz	32.9	7.6		7 10.2	>1.05-3	lludle aathlal Ellathl. I	
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25 538MHz 30 546MHz 31 554MHz 32 562MHz 33 570MHz 34 578MHz 35 586MHz	20.7 • 17.5 • 18.9 • 21.3 • 25.9 • 22.1 •	5.9 e 4.7 e 1.4 e 1.3 e 3.4 e 8.7 e 4.5 e			- • - • - • - • • - • • • • • • • • • •	M Entry 20 T Entry/Mill 0 T Entry/Mill 0 </td <td>Unit Vela 24.0 dB 22.3 dB <1.0E-6 <1.0E-6</td>	Unit Vela 24.0 dB 22.3 dB <1.0E-6 <1.0E-6

POLLING

Continuous measuring of an user-defined number of channels



ALARMS

Represents the alarms counter during an user-selected period of time

IP flow measurements Packet arrival max. & mir	
IP & UDP payload bitrate	
Media loss rate	
Loss IP frames	
Corrected IP frames	

Mechanical characteristics

Size: 482mm W x 348mm D x 41mm H Working temperature: 0 a 40 °C Storage temperature.: 0 a 50 °C

Electrical Characteristics

Input 100 - 240 VAC 50-60Hz 1.4A

Interfaces
1 x USB 2.0
1 x Ethernet RJ45
LCD Graphic display
LIDAU

Control protocols

