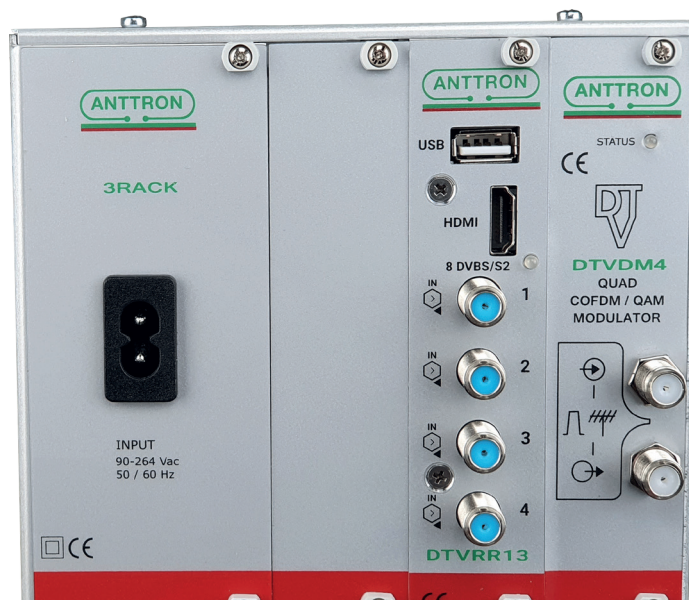


TRM94 : 3RACK + DTVRR13 + DTVDM4F

**COMPACT HEADEND : 4 INPUTS -
8 SATELLITE RECEIVERS - HDMI/USB INPUT
FLEXIBLE QUAD COFDM/QAM MODULATOR**

ANTTRON

- Four full band tuners, SCR-dCss compatible
- Each input can feed 8 demodulators
- 8 x DVBS/S2/S2X/multistream demodulators
- HDMI and/or USB input
- 4 not adjacent (flexible) output channels (DVBT/C)
- Very compact module
- Made in Belgium



DTVIFACE SNAPSHOT

DTVIFACE 364 - ANTTRON(c) - setup 632 - (USB) (manufacturer mode)

RR 13 S46H3F14E
DM4F S23H6F4E

HDMI 15:52:02 GMT: +2

9000 kb/s 0 HDCP

MPEG 192 Kb/s

S.I.D.: 1 Name: Channel A

08:00 10:00

Rate: 150Mb/s +0 EMM

Remove CAT/EMM
Watchdog
CAT Mix

N.I.T.
Vers.: ONID: 5 NID: 8442 LCN: 8442 EACEM
Network name: NoName

1 2 3 4
Freq. (kHz): 474000 490000 506000 522000
T.S. Id.: 100 101 102 103
Const.: Bandwidth: F.E.C.: Guard Int.:
QAM64 8 Mhz 7/8 1/32
Level Att. 0dB

16269 kb/s

B.W. 1 3620/31668
B.W. 2 3841/31668
B.W. 3 4694/31668
B.W. 4 4114/31668

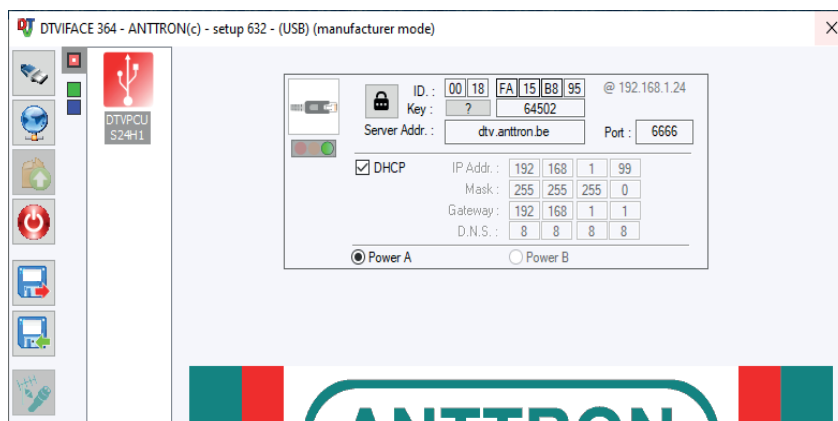
S.I.D.	Service name	UNCRYPT	OUT(4)	LCN	N.SID
A 12003	RTL Television				12003
A 12004	RTL Regional NRW				
A 12005	RTL HB NDS				
A 12006	RTL Bayern				
A 12009	RTL HH SH				
A 12020	RTLZWEI				
A 12030	TOGGO plus				
A 12040	SUPER RTL				
A 12060	VOX				12060
A 12061	NITRO				12061
A 12080	RTLup				12080
A 12090	ntv				
A 12091	TOGGO Radio				
B 17500	SAT.1				
R 17501	ProSieben				

LOGS

*Specifications, descriptions and photographs are subject to change without notice.

*The products comply with the requirements of the CE mark. The declaration of conformity is available upon request.

DTVIFACE SNAPSHOT



TECHNICAL SPECIFICATIONS:

INPUT		
SAT inputs (x4) (wide band capture)	Frequency	950-2150 MHz
	Input level	-70 dBm to -5 dBm
	LNB supply	13/18V - Tone - DiSEqC (300mA each input)
Demodulators (x8)		
DVB-S	Modulation - symbol rate	1....45 MSps
	System	QPSK
DVB-S2	Modulation - symbol rate	1....45 MSps
	System	QPSK, 8PSK, 16APSK, 32APSK, CCM, ACM, VCM, Single transport stream, Multiple transport stream Generic Stream Encapsulation
DVB-S2X	System	QPSK, 8PSK, 8APSK-L, 16APSK, 16APSK-L, 32APSK, 32APSK-L, 64APSK-K, 64APSK-L
HDMI input	480P - 576P - 720P - 1080i - 1080P	H.264 - bitrate 5-15 Mb/s
USB input	USB 3.0	.ts files
OUTPUT		
4 FLEXIBLE CHANNELS		
	Number of channels	4 free selectable in the VHF-UHF frequency band
	Output level	> 90 dBµV (adjustable in DTViface)
	Insertion loss	< 2 dB
DVBT/COFDM	Output frequency	170-230 MHz + 470-862 MHz
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
	Guard Interval	1/4, 1/8, 1/16, 1/32
DVBC/QAM	Mode - MER	2K - > 35 dB
	Output frequency	50-862 MHz
	Constellation	16, 32, 64, 128, 256 QAM (EN 300 429)
	Symbol Rate	4 - 6.96 Mb/s
	MER	> 39 dB