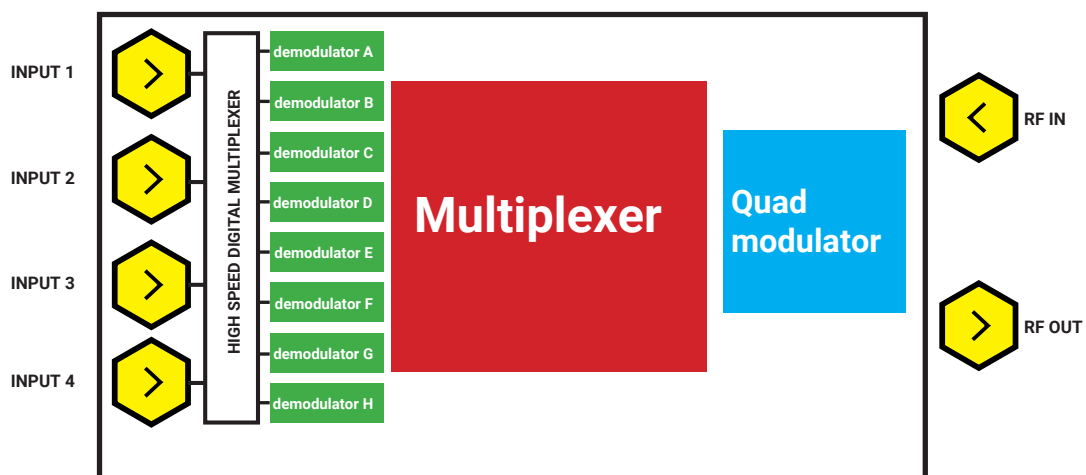


3RRM94 : 3RACK + RM94

ANTTRON

COMPACT HEADEND : 4 INPUTS - 8 SATELLITE RECEIVERS - QUAD COFDM/QAM MODULATOR

- Four full band tuners, SCR-dCcss compatible
- Each input can feed 8 demodulators
- 8 x DVBS/S2/S2X/multistream demodulators
- Biss Decryption
- One COFDM/QAM quad modulator (DVBT/C)
- Very compact module
- Made in Belgium



SCHEMATICS 3RRM94

**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.*

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)
Dmodulators (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
OUTPUT		
	Number of channels	4 adjacent
	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
	Mode - MER	2K - > 35 dB
DVBC/QAM	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
DVB Processing		TsID, NIT version, ONID, NID, Network Name, LCN
CONSUMPTION		
		< 25 Watt

DTVIFACE SNAPSHOT

DTVIFACE 281 - ANTRON(c) - setup 500 - (USB)

Inputs CAM Outputs Status Demod. T°: 28 °C

Enabled Input: 22kHz Polarity: Discseq switch: Power: CN: -22.26 dBm 15.10 dB

Standard: BIS Freq. (MHz): Symbol rate: Gold code: Sub stream ID: AUTO 2133 29500 Gold 50416 6

S. Id.	Name	CI	OUTPUT	LCN	[I. S. Id.]
A 1537	TF1			1537	
A 1538	NRJ12			1538	
A 1542	TMC			1542	
A 1544	TFX			1544	
A 1545	LCP			1545	
B 1025	M6			1025	
B 1026	W9			1026	
B 1031	Arte			1031	
B 1045	France 5			1045	
B 1046	6ter			1046	
B 1047	Arte.Tv			1047	
C 257	France 2			257	
C 260	France 4			260	
C 262	franceinfo			262	
C 272	France 3			272	
D 2561	TF1 Series Films			2561	
D 2562	L'Equipe			2562	
D 2563	Chine 25			2563	
D 2564	RMC Decouverte			2564	
D 2565	RMC STORY			2565	

DTVIFACE 281 - ANTRON(c) - setup 500 - (USB)

Version: Network ID: Network name: Orig.net. ID: L.C.N. ID: CAT,EM Rem.: 30 8442 Antron 8442 EACHM

DVB-T 30 8442 Antron

TS ID: Freq. (MHz): B.W.: Const.: F.E.C.: Guard. int.: 100 474000 8MHz QAM 64 7/8 1/32

Level (Att. 0dB): Bitrate (23.26 / 31.67 Mb/s):

S. Id.	Name	CI	OUTPUT	LCN	[I. S. Id.]
A 1537	TF1			1537	
A 1538	NRJ12			1538	
A 1542	TMC			1542	
A 1544	TFX			1544	
A 1545	LCP			1545	
B 1025	M6			1025	
B 1026	W9			1026	
B 1031	Arte			1031	
B 1045	France 5			1045	
B 1046	6ter			1046	
B 1047	Arte.Tv			1047	
C 257	France 2			257	
C 260	France 4			260	
C 262	franceinfo			262	
C 272	France 3			272	
D 2561	TF1 Series Films			2561	
D 2562	L'Equipe			2562	
D 2563	Chine 25			2563	
D 2564	RMC Decouverte			2564	

DTVIFACE 281 - ANTRON(c) - setup 500 - (USB)

Demod. T°: 29 °C

Demod.	In	Power:	CN:
A	1	-22.31 dBm	15.00 dB
B	1	-22.09 dBm	15.10 dB
C	1	-22.32 dBm	15.10 dB
D	1	-22.06 dBm	14.70 dB
E	1		
F	1		
G	1		
H	1		

Out

Total bitrate: 90.91 Mb/s

S. Id.	Name	CI	OUTPUT	LCN	[I. S. Id.]
A 1537	TF1			1537	
A 1538	NRJ12			1538	
A 1542	TMC			1542	
A 1544	TFX			1544	
A 1545	LCP			1545	
B 1025	M6			1025	
B 1026	W9			1026	
B 1031	Arte			1031	
B 1045	France 5			1045	
B 1046	6ter			1046	
B 1047	Arte.Tv			1047	
C 257	France 2			257	
C 260	France 4			260	
C 262	franceinfo			262	
C 272	France 3			272	
D 2561	TF1 Series Films			2561	