

COMBINED MODULES FOR RACK SATELLITE / TERRESTRIAL-CABLE TO IP RMIP-RMIPCI4-RMIPT



RMIP/RMIPCI4

- Four full band tuners, SCR-dCcs compatible
- Each input can feed 8 demodulators
- 8 x DVBS/S2/S2X/multistream demodulators
- Biss Decryption
- 64 encrypted (DRM Lynk) SPTS/MPTS over IP
- 4 CI slots available on RMIPCI4
- Very compact module
- Made in Belgium

RMIPT

- 1 input and 1 loop out
- 8 DVBT/T2/C tuners
- 64 encrypted (DRM Lynk) SPTS/MPTS over IP
- Very compact module
- Made in Belgium



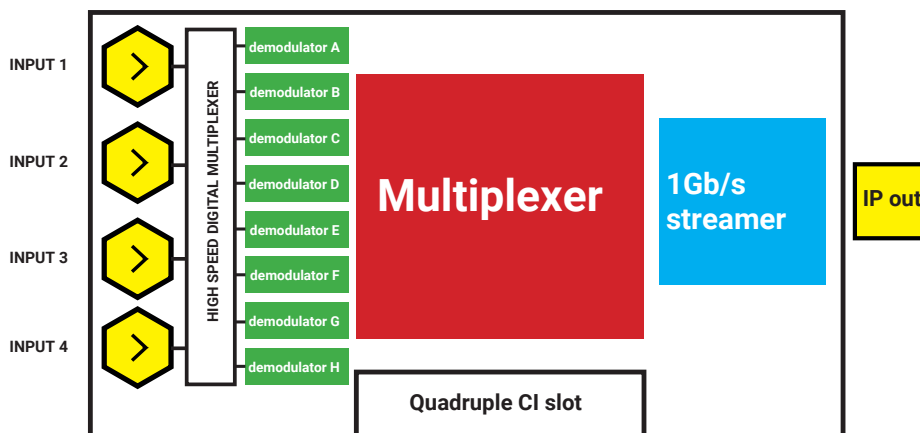
RMIP



RMIPCI4



RMIPT



SCHEMATICS RMIPCI4

*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 - RMIP/RMIPCI4		
SAT inputs (x4) (wide band capture)	Frequency	950-2150 MHz
	Input level	-70 dBm to -5 dBm
	LNB supply	13/18V - Tone - DiSEqC - dCss - SCR (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, 64APSK-L
INPUT - RMIPT		
Input / Loop out		1/1
Loop out loss	dB	0
Number of tuners/receivers		8
DVBT/T2 reception		
Input frequency	MHz	110-862
Input level	dBuV	33-88
Constellation - Mode		QPSK, 16, 64, 256QAM 1K, 2K, 4K, 8K, 16L, 32K
DVBC reception	Modulation - symbol rate	1...45 MSps
Input frequency	MHz	42-1002
Constellation - Mode	- / MHz	QPSK, 16, 32, 64, 128, 256 QAM / 6, 7, 8
Symbol rate	MSps	1-7.2
Supported annexes		A and C
ENCRYPTION		
CAS Server interface		Simulcrypt ETSI TS 103 197
Data Encryption		AES-CBC 128 without padding
IP OUTPUT		
Standard		Ethernet 1000base-T
Programs count		Up to 64 SPTS (single transport stream) / MPTS (multiple transport stream)
Protocol		UDP/RTP (TTL & Qos configurable) SDP/SAP
IP configuration		Fixed or DHCP
IP addressing		Unicast - multicast
DECRYPTION		

DTVIFACE SNAPSHOT

S. Id.	Name	CI	OUT (6/4/6)
A 12003	RTL Television		239.192.1.1:5000
A 12004	RTL Regional NRW		239.192.1.2:5000
A 12005	RTL HB NDS		239.192.1.3:5000
A 12006	RTL Bayern		239.192.1.4:5000
A 12009	RTL HH SH		239.192.1.5:5000
A 12020	RTL ZDF		239.192.1.6:5000
A 12030	TOGGO plus		239.192.1.7:5000
A 12040	SUPLEX RTL		239.192.1.8:5000
A 12060	VOX		239.192.1.9:5000
A 12061	NITRO		239.192.1.10:5000
A 12080	RTLup		239.192.1.11:5000
A 12090	ntv		239.192.1.12:5000
A 12091	TOGGO Radio		239.192.1.13:5000
B 17500	SAT.1		239.192.1.14:5000
B 17501	ProSieben		239.192.1.15:5000
B 17502	kabel eins		239.192.1.16:5000
B 17503	WELT		239.192.1.17:5000
B 17504	SAT.1 Gold		239.192.1.18:5000
B 17505	Pro7 MAXX		239.192.1.19:5000
B 17507	SAT.1 Bayern		239.192.1.20:5000
B 17508	SAT.1 NRW		239.192.1.21:5000
B 17509	kabel eins Dokus		239.192.1.22:5000
C 28106	Das Erste		239.192.1.23:5000
C 28107	BR Fernsehen Süd		239.192.1.24:5000
C 28108	hr fernsehen		239.192.1.25:5000
C 28110	BR Fernsehen Nord		239.192.1.26:5000
C 28111	WDR Köln		239.192.1.27:5000
C 28112	SWR Fernsehen BW		239.192.1.28:5000

S. Id.	Name	CI	OUT (6/4/6)
A 1537	TF1		239.192.1.1:5000
A 1538	NRJ12		239.192.1.1:5002
A 1542	TMC		239.192.1.1:5004
A 1544	TFX		239.192.1.1:5006
A 1545	LCP		239.192.1.1:5008
B 512	CB		239.192.1.1:5010
B 515	BFM TV		239.192.1.1:5012
B 516	CNEWS		239.192.1.1:5014
B 517	CSTAR		239.192.1.1:5016
B 518	Club		239.192.1.1:5018
C 1	CB		239.192.1.1:5012
C 2	BFM TV		239.192.1.1:5014
C 3	CNEWS		239.192.1.1:5016
C 4	CSTAR		239.192.1.1:5018
C 5	Club		239.192.1.1:5020
D 257	France 2		239.192.1.1:5022
D 260	France 4		239.192.1.1:5024
D 262	franceinfo		239.192.1.1:5026
D 279	F3 Nord-Pas-de-Calais		239.192.1.1:5028
D 368	WEO		239.192.1.1:5030
E 2561	TF1 Séries Films		239.192.1.1:5030
E 2562	L'Equipe		239.192.1.1:5030