



Flexible Headend In Building Solutions

2019-2020 Edition



FLEXIBLE HEADEND

MATV RECEPTION & DISTRIBUTION
OF SATELLITES OR TERRESTRIAL OR CABLE CHANNELS

CO
FDM

SAT
HD

IPTV

- "Plug&play" flexible headend
- Distribution of satellite signals over coax or IP network
- Configurable inputs :
DVB-S/S2 / DVB-T/T2 / C
- Modulation : COFDM or C
- 2 CI for encrypted channels



**Intelligent remuxing
of all inputs:**
SAT - HDMI USB



Auto-remapping :
no need to manually
reprogram TVs



Web control:
take full control (paying option)
Ref. 0145117R13

> PROGRAMMING & SETTING



Download our free software on
www.groupe-cahors.com
Q Modular QPSK Station



Pc (Windows) programmable



Multi-language software :
ENGLISH - FRENCH
GERMAN - SPANISH

The programming software allows:

- Frequency setting of different tuners
- The modification of all parameters modulation (NIT, output channels, choice of modulators, LCN numbers, output levels ...)
- Access to video files (.ts format)

> RACK

The COFDM/IP flexible headend is available in 3 size :

3 MODULES

Wall mounting
Rack + Power supply



**PLUG
& PLAY**

Plug & play
modules



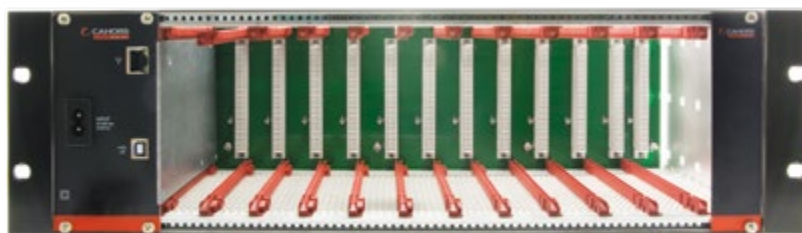
5 MODULES

10" or wall mounting
Rack + Power supply



11 MODULES

19" or wall mounting
Rack + Power supply



Technical data	3 MODULES	5 MODULES	11 MODULES
Capacity	3 modules + power supply	5 modules + power supply	11 modules + power supply
Reference	0145263R13	0145130R13	0145148R13
Type of installation	Wall mounting	10" cabinet or wall mounting	19" cabinet or wall mounting
Programming	by USB (local) or Ethernet (web control)		
Power supply	65 W (max)	125 W (max)	
Dimensions	183 x 132 x 194 mm	297 x 132 x 194 mm (3U)	482 x 132 x 194 mm (3U)

> ACCESSORIES



PSU

Ref 0145228R13

- for replacement in 5 or 11 modules rack



BLANK

Ref 0145149R13

- Blank for 1 module



> INPUTS MODULES



RX-2SAT

Ref 0145264R13

- 2 SAT inputs with 2 loop-through outputs
- 2 tuners per module to receive 2 transponders DVB-S/DVB-S2



RX-3SAT

Ref 0145120R13

- 3 SAT inputs with 3 loop-through outputs
- 3 tuners per module to receive 3 transponders DVB-S/DVB-S2



RX-3UNIV

Ref 0145122R13

- 3 Universal inputs (SAT / TER / Cable) with 3 loop-through outputs
- 3 tuners SAT: DVB-S/DVB-S2 or TER-CABLE: DVB-T / DVB-T2 / DVB-C



RX-4SAT

Ref 0145266R13

- 4 SAT inputs
- 4 DVB-S / S2 / S2X tuners

RX-4SAT.IT

Ref 0145276R13

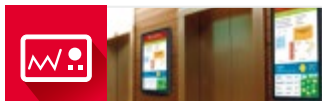
Pre-set module on 22 Italian channels



RX-M2SAT

Ref 0145265R13

- 2 SAT inputs with 2 loop-through outputs
- 2 DVB-S / DVB-S2 tuners per module
- 1 Multimedia input: USB for .ts files or HDMI



Digital signage :
Broadcasting your content via USB port



RX-4HDMI

Ref 0145123R13

- 4 HDMI inputs
- MPEG-4 (H.264) module
- 1080p resolution
- Encoding up to 4 simultaneous HDMI sources



NEW

RX-IP IN

Ref 0145330R13

- 1 IP input
- Allows to treat 15 RTP/UDP streams
- DVB-IP Transmodulation to DVB-C / DVB-T / DVB-IP depending on the output module



RX-2AV

Ref 0145124R13

- 2 inputs Audio/Video/stéréo

> DECRYPTION MODULES



CAM-CI1

Ref 0145125R13

- 1 CAM 1CI reader



CAM-CI2

Ref 0145126R13

- 1 CAM 2CI reader

> OUTPUTS MODULES



DVB-T modulation in open spaces of the band on 2 or 3 channels:



MA-2DVB-T **NEW**

Ref 0145267R13

- 2 COFDM channels agile modulator

MA-3DVB-T **NEW**

Ref 0145235R13

- 3 COFDM channels agile modulator



M-4DVB-T/C

Ref 0145128R13

- 4 COFDM channels modulator
- DVB-T or DVB-C Modulation on 4 adjacent channels



STM-IP

Ref 0145129R13

- DVB > IP streamer
- Remodulation to DVB-IP standard up to 16 IP streams and 100Mb/s
- UDP, RTP/UDP compatible and protocole SAP

IPTV

FLEXIBLE HEADEND TELEARABIA PRO **NEW**

PRE-PROGRAMMED FOR MATV DISTRIBUTION



**Intelligent remuxing
of all inputs:
SAT - HDMI - USB**



Auto-remapping :
no need to manually
reprogram TVs



Web control:
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Ref. 0145117R13

- Easy access to encrypted channels available in Europe via HOTBIRD
- PROCAM module included, no need for an extra card

> TELEARABIA PRO HEADEND

3 modules rack
equipped with 1 CAM PRO 8 services
+ Telearabia PR to subscribe



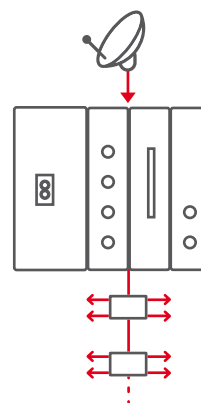
**EUTELSAT
13°E (HOTBIRD)**

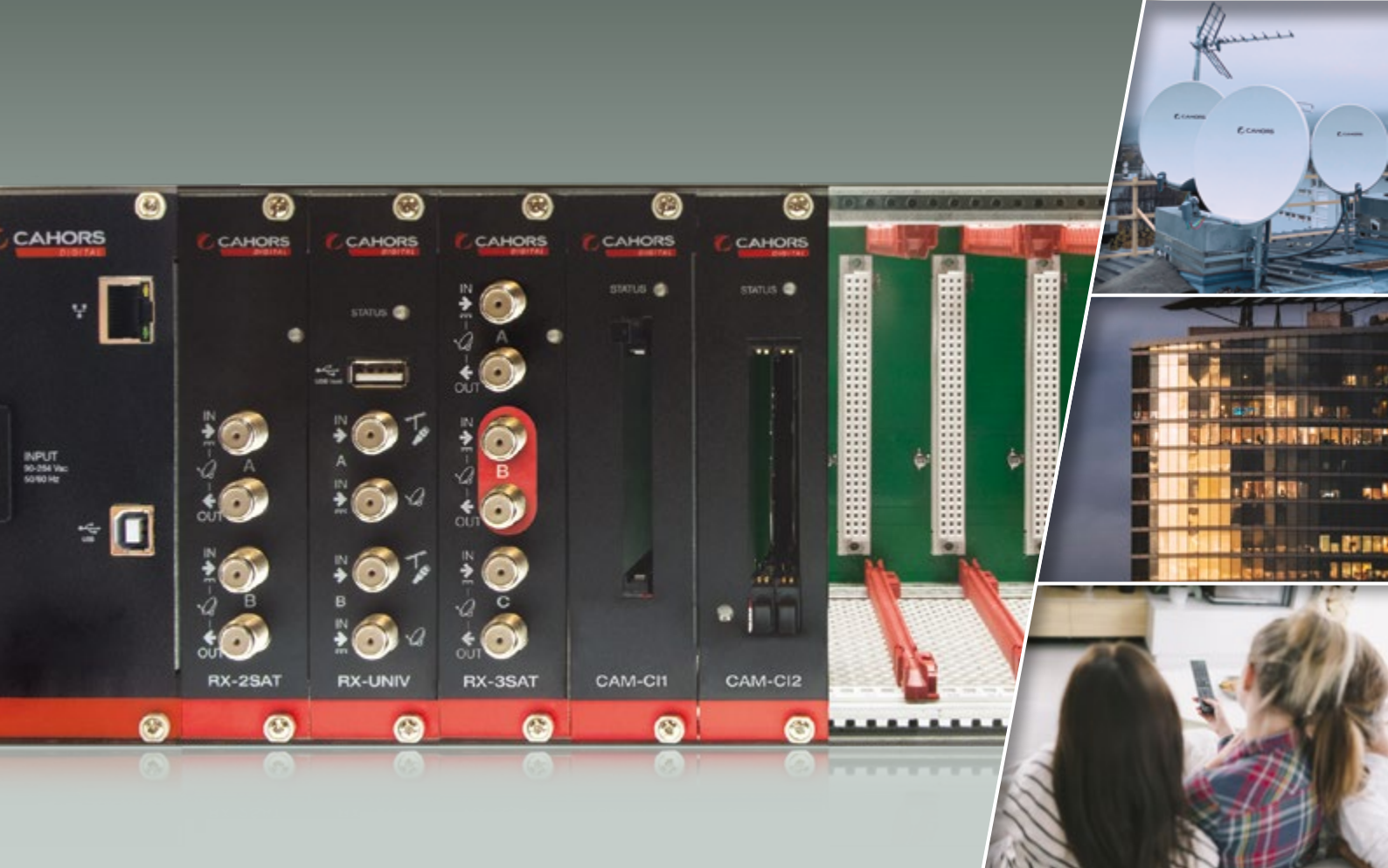


THE MOST POPULAR ARABIC CHANNELS



Technical data	
Reference	0145299R13
Composition	1 RX-2SAT input module 1 CAM-CI1 decryption module 1 MA-2DVB-T Agile output module 1 CAM 8 services
Size	183 x 132 x 194 mm
Power supply	65 W (max)





DOM-TOM / Oceania

Philippe CASPER

Tel. + 33 (0)6 79 75 03 39

philippe.casper@groupe-cahors.com

Europe / Middle East / Africa

Christophe SCHNELL

Tel. +33 (0)6 74 32 69 34

christophe.schnell@groupe-cahors.com



CAHORS INTERNATIONAL

ZI de Regourd - CS 90149 - 46003 Cahors cedex 9 - FRANCE

Tel. +33 (0)5 65 35 82 01 • Fax +33 (0)5 65 35 82 14

sales.support@groupe-cahors.com

www.groupe-cahors.com