

## TNS101

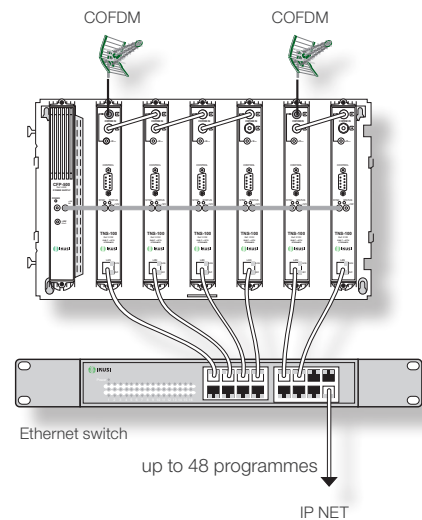
REF. 5114

- Free-to-air or MultiCrypt DVB-T reception.
- Common Interface.
- Up to 8 simultaneous IP-encapsulated services (TV or Radio programmes), or 28 only-Radio programmes, with individual multicast addresses.
- Filtering of information contained in the MPEG-2 tables.
- UDP and RTP transmission protocols.
- Web interface for module configuration.
- Alarm information SNMP agent.
- SAP and SDP protocols to facilitate automatic programme selection in the set-top box and to provide programme information to external servers.

### TNS-101

Reception	DVB-T FTA or MultiCrypt (Common Interface - EN 50221)	
Maximum number of de-encrypted services	Variable (CAM depending)	
<b>Input Section (COFDM)</b>		
Frequency range	MHz	174-230 and 470-862
Frequency step	kHz	125
Input level	dBm	35 — 100
Input loop-through gain	dB	0,5 (±1)
<b>Output Section (IP)</b>		
Standard	IEEE 802.3 10/100 Base T	
Bit rate	Mbps	up to 100
Transmission protocols	UDP/RTP	
No. of simultaneous streams	up to 8	
Multicast	Yes	
<b>Connectors</b>		
RF input (loop-through)	(2x) female F	
DC connection	banana socket	
CAM input	slot	
Configuration	RS 232/DB-9	
Ethernet output	RJ-45	
<b>General</b>		
Tensión de alimentación	V <sub>DC</sub>	+12
Consumo	mA	550 (CAM included)
Indicadores LED	ON - STATUS - LINK - ACT	
Temperatura de funcionamiento	°C	0 — +45
Dimensiones	mm	230 x 195 x 32

Each module is packed with:  
 - 1 F plug bridge, 64 mm length, for input tap line.  
 - 1 DC plug bridge, 53 mm length, for connection of +12 voltage.



— Example of TNS headend for six digital terrestrial TV channels. Contains 6 TNS-101 streamers and 1 CFP-500 power supply, all fixed on 1 BAS-700 baseplate.