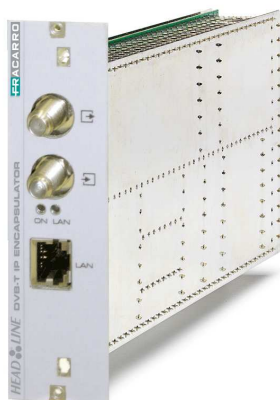**FRACARRO**

DTT → IP Encoder
SIG7730

HEAD•LINE

The SIG7730 is an Encoder that works as a DVB-T to IP gateway. Digital Terrestrial Television (DTT) signals are received on the F connector input, converted to IP standard signals and streamed through RJ45 output port into LAN.

Programs and services can be delivered as multicast or unicast streams.

From the user side, the programs and services can be viewed using an IP set top box (STB) on TV devices or using Video SW on PC.

Loop-through (active/passive) input allow easy managing of the Head End.

Key Points

- Rack solution
- UDP/RTP Transmission Protocols
- Automatic switch on Loop Through input

- MPEG2 Tables Filtering
- Dedicated Power Supply per each module

			COFDM2IP
Code			283946
INPUT			
Input Frequency		MHz	174–230, 470–862
Min. frequency step		kHz	166,7
AFC	2K	kHz	±285
	8K		±142
Loop-through attenuation		dB	<1,5
Input level		dBµV	35–80
INPUT SIGNAL			
Carrier			2K, 8K
Modulation			QPSK, 16QAM, 64QAM
Hierarchy			high/low priority
Timeguard			1/4, 1/8,1/16, 1/32
FEC			1/2, 2/3, 3/4, 5/6, 7/8, auto
Demodulation			ETS300744
OUTPUT			
Type			RJ 45 Ethernet LAN IEEE 802.3 100 base T
Encoding standard			ETSI TS102034
Type of Streaming			IPv4 Multicast/Unicast
General parameters			
Power Supply		V	185÷264V~, 50-60 Hz
Consumption		W	4
Dimensions (rack version)		mm	7e × 3u × 24
Temperature Range		℃	-5 ÷ +45