



# DIGITAL INTELLIGENT COFDM MODULATOR

## TECHNICAL SPECIFICATION

INPUT	
Video input	CVBS / S-VHS
Video input level	0,5 - 2 Vpp
Video mode	PAL / NTSC
Audio input	Stereo
Audio input level	0,4 - 4,8 Vpp
Input connectors	Video (RCA o S-VHS) - Audio (RCA L y R)
Input impedance	75 $\Omega$
MODULATION	
Video resolution	PAL 720x576 @ 25fps / NTSC 720x580 @ 30fps
Video Compression	MPEG2 MP@ML
Audio compression	MPEG1 Layer II
PSI/SI generation	PSI: PAT, PMT; SI: SDT, NIT
LCN	Yes
Standard	ETSI EN 300 744 V1.5.1
Carrier	2K
Guard intervals	1/4, 1/8, 1/16, 1/32
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
Constellations	16 QAM / 64 QAM
OUTPUT	
Frequency range	47 - 862 MHz
Output level	85 dB $\mu$ V
Output impedance	75 $\Omega$
Channel Bandwith	7-8 MHz
Output level adjustment	15 dB typ.
MER	30 dB typ.
Fine tuning	1 kHz
Connector type	"F" female
GENERAL	
Power supply	100 - 240 VAC - 7,5 VDC
Consumption	1,2 A @ 7,5 VDC
Temperature range	0 ~ +45 $^{\circ}$ C
Languages	Spanish, English, Portuguese, Italian, German, Polish...
Dimensions / Weight	160 x 157 x 42 mm / 0,6 kg