

# 912 TV-SAT AND MODULATOR EQUIPMENT

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## DIGITAL MODULATOR HDMI DVB-C



Code : **9120225**

Model : **DMH-301**

### Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-C from one HDMI signal. It can be programmed using PC software and a wireless programmer.

### Applications

Collective TV installations where it is necessary to generate a DVB-C channel containing a service generated locally from SAT receivers, Blu-Ray players, PC or surveillance cameras. Compatible with all collective TV installations since the channels can be distributed throughout the 47 to 862MHz band.

### Characteristics

MPEG4 AVC Video encoder. Outstanding quality of the generated output channel. HDMI signal input. Zamak chassis with metal side covers. F-type connectors.

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**ENTRADA HDMI - HDMI INPUT - ENTRÉE HDMI**

Número de entradas Number of inputs Nombre d'entrées		1x HDMI		
Conector de entrada Input connector Connecteur d'entrée		HDMI hembra HDMI female HDMI femelle		
Estándar de vídeo de entrada Video input standard Norme vidéo d'entrée		HDMI 1.4a		
Codificación de vídeo Video codification Codificacion vidéo		MPEG-4/H.264 ISO/IEC-14496-10	Main/High Level 3..4.1	
Resoluciones Resolutions Résolutions		720x480p60 720x480i60 720x576p60 720x576i60 1280x720p60	1280x720p50 1920x1080i60 1920x1080i50 1920x1080p24 1920x1080p30	VGA 640x480p60 SVGA 800x600p60 XGA 1024x768p60 WXGA 1280x800p60 SXGA 1280x1024p60
Bitrate de vídeo Video bitrate Bitrate vidéo	Mb/s	5..20		
Codificación de audio Audio codification Codification audio		MPEG-1 Layer 2 (ISO/IEC-11172-3)	MPEG-4 HE-AAC V2 (ISO/IEC-14496-3)	
Bitrate audio Audio bitrate Bitrate audio	Kb/s	MPEG-1 Layer 2: 128, 160, 192, 256 MPEG-4: Variable		

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**MODULADOR DVB-C - DVB-C MODULATOR - MODULATEUR DVB-C**

Sistema de TV TV system Système de TV		DVB-C EN 300429
Modulación Modulation Modulation		16 - 32 - 64 - 128 - 256 QAM
Ancho de banda Band width Largueur de bande	MHz	9,2 max
MER MER MER	dB	38 ±2,0
Velocidad de símbolo Symbol rate Debit de symboles	Kbaud	1000..8000

**SALIDA RF - RF OUTPUT - SORTIE RF**

Rango de frecuencia Frequency range Gamme de fréquences	MHz	47 - 862		
Resolución de frecuencia Frequency step Réglage de fréquence	MHz	0,25		
Nivel de salida Output level Niveau de sortie	dB $\mu$ V ± TOL	80 ±2,0		
Regulación nivel de salida Output level adjust Réglage niveau de sortie	dB	20		
Pérdidas de paso en la mezcla Through loss in the mixture Pertes de passage dans le coplage	dB	0,9 ±0,1		
Alimentación Power supply Alimentation	V $\overline{\text{---}}$	+3,3	+5,2	+12
	mA	1750	825	40