

912 TV-SAT AND MODULATOR EQUIPMENT

DIGITAL MODULATOR HDMI DVB-T



Code : **9120224**

Model : **DMH-101**

Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-T 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-T 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.

CÓDIGO-CODE-CODE	9120224
MODELO-MODEL-MODELE	DMH-101

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 Codification vidéo		MPEG-4/H.264 ISO/IEC-14496-10	Main/High Level 3..4.1
Resoluciones Resolutions Résolutions		720x480p60 1280x720p60 1920x1080p24 XGA 1024x768p60 720x480i60 1280x720p50 1920x1080p30 WXGA 1280x800p60 720x576p60 1920x1080i60 VGA 640x480p60 SXGA 1280x1024p60 720x576i60 1920x1080i50 SVGA 800x600p60	
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
Bitrate audio Audio bitrate Bitrate audio	Kb/s	MPEG-1 Layer 2: 128, 160, 192, 256 MPEG-4: Variable	

MODULADOR COFDM - COFDM MODULATOR - MODULATEUR COFDM

Sistema de TV TV system Système de TV		DVB-T / DVB-H EN 300744	
Offset de salida Output offset Offset sortie	MHz	-1/6, -1/8, 0, +1/8, +1/6	
Modo Mode Mode		2K, 8K, 4K (DVB-H) DVB: EN 300744	

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MODULADOR COFDM - COFDM MODULATOR - MODULATEUR COFDM				
Modulación Modulation Modulation		QPSK, 16QAM, 64QAM DVB: EN 300744		
F.E.C. F.E.C. F.E.C.		1/2, 2/3, 3/4, 5/6, 7/8 DVB: EN 300744		
Intervalo de guarda Guard interval Intervalle de garde		1/4, 1/8, 1/16, 1/32 DVB: EN 300744		
MER MER MER	dB	39 ±2,0		
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 _{μV} ± TOL	80 ±2,0		
Regulación nivel de salida Output level adjust Réglage niveau de sortie	dB	20		
Ancho de banda Bandwidth Largeur de bande	MHz	8, 7, 6, 5 (DVB-H)		
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 _{DC}	+3,3	+5,2	+12
	mA	1850	925	40