

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 720x480i60 1280x720p50 1920x1080p30 720x576p60 1920x1080i60 VGA 640x480p60 720x576i60 1920x1080i50 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 |
| 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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|---|---------------------------|---|------|-----|
| MODELO-MODEL-MODELE | | DMH-101 | | |
| 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 |