Order Guide

DMB-6100 PLUS 32 in 1 IP to Analog Modulator
DMB-6100 FTA Tuners +HDMI to RF Transmodulator

DIGICAST
Digital Future Life



OVERVIEW

DMB-6100H is developed specifically for the commercial AV distribution market. It takes in 16 HD signals and then modulates the HD signals into any analog channels, providing an easy way to distribute high definition signals to the old TV systems. With pre-programmed channel list and its agile ability, the operators can set up the modulator intuitively and easily.

DMB-6100C is a professional quality agile modulator with 16 output channels in 1RU size. It is SAW filtered and microprocessor controlled with an output capability of 860MHz. Setup and tuning are easy and simple by the front panel. The unit offers high performance, low cost and compact design for the system operators.

FEATURES

- Converts HD video and audio signals to analogy NTSC or PAL channel
- Rack mountable 1RU rack space with less space and less shipping cost
- High picture quality thanks to the 16 HDMI/CVBS inputs
- Internal fans cooling system for long life span
- Support HDCP
- SAW filtering for maintenance free adjacent channel configuration
- Double I.F loop for superior in band C/N
- Fewer cables and connector but greater reliability
- Front panel accessible level controls for easy set-up and adjustment

APPLICATIONS

Various of DTV Broadcasting Systems
Home Entertainment
Campus TV and Live Sports
Public Broadcasting
Hotel and Hospital TV
Museum, Theater and Cinema, Gymnasium
HDTV Distribution
Mall Info and Corporate TV
Industrial Monitoring and HD Surveillance
Apartment, Private House
Restaurant, Yacht, Club and Resort
Highway and Railway Mobile Device
Airport, Railway Station
Advertisement in Square and so on

SPECIFICATIONS

HDMI to ANALOG MODULATIONS

INPUT:

- Connector: 16*HDMI
- Input Resolution: 1920*1080_60P
  1920*1080_60i
  1920*1080_50P
  1920*1080_50i
  1280*720_60P
  1280*720_50P

OUTPUT:

- Connector: F-Female
- Output Frequency: 45~860 MHz
- Frequency Stability: ± 5 dB
- Output Level: 110dBμV (Adj.)
- Adjust Level: 0~20 dB
- A / V Ratio: ≥ 35 dB
- Test Point: -20 dB

CVBS to ANALOG MODULATIONS

INPUT:

VIDEO:

- Input Level: 0.6-1.5Vp-p (87.5% Modulation)
- Input Connector: Red RCA
- Bandwidth: 6M, 7M, 8M
- Video C/N: 60dB

AUDIO:

- Input Level: 0.8Vp-p (25KHz Dev.)
- Input Connector: White RCA

RF OUTPUT:

- Output Frequency: 45~860 MHz

- Output Connector: F Connector
- Output Level: 110dB μ V (Adj.)
- A / V Ratio: ≥ 35 dB
- Frequency Stability: ± 5 dB
- Test Point: -20 dB

GENERAL OPTIONS

- Voltage: AC 90 ~260V @47~63Hz
- Power Consumption: 100W
- Cooling Fans: 3
- Dimension: 48.4*32.9*4.44 (CM)
- Carton Size: 55*39*13 (CM)
- Shipping Weight: 6KG

Think what your think, do what you need.

Feel free to contact with DIGICAST what you need & thoughts.

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