

Order Guide

DMB-6100 32 in 1 analog RF Modulator
DMB-6100 Plus 64 in 1 analog RF Modulator
DMB-6100H 16 HDMI to analog RF Modulator



OVERVIEW

DMB-6100E is an Analog NSTC /PAL analog modulator with IP input, works as a Digital IP streams to 32 analog channel modulator - gateway, it has web management port in front panel, and the rear panel has 2 Gigabit input ports and one RF output port, which supports Max.32 analog modulated carrier output of processing agile channels.

DMB-6100E can ingest multiple HD or SD IP streams in either MPEG-2 or MPEG-4 or H.265 format and convert them to PAL/NTSC modulated RF analog outputs for delivery to analog TV networks.

DMB-6100E IP TO Analog RF Modulator ensures a high agility inside the whole RF output frequency range. This enables full flexibility and makes the most efficient use of the available channel spectrum to provide analog layers of service with simplifying front-end equipment and power consumption. It is very suitable for the usage of analog TV front-end systems in various business places (such as: hotels, guesthouses, clubs, tea houses, etc.)

FEATURES

- 2U chassis high density
- Newest version is 2 GE ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each GE input (4GE ports version stop produced)
- Support BISS decryption as **an option**
- Build-in local channel for emergent use when the signal breaks down(**Option**)
- Support H.265/HEVC H.264/AVC, MPEG-2 TS Decapsulation
- MPEG-1/2 Layer 1/2, (HE-)AAC, AC3, E-AC3 audio decoding
- OSD (Logo and Caption) insertion for each channel, easy operation CC/Subtitle/Teletext
- Support program info modify, multiple audio choose
- Automatic HD to SD downscaling
- Multi-system (PAL-B/G, PAL-DK, PAL-I, PAL-M, PAL-N, NTSC) option,one device one standard, confirm the standard you need when order,not web management switch
- Support Brightness, Saturability, Contrast adjust
- Web-based Network management

SPECIFICATION

IP INPUT :

Interface/rate: 2x RJ45, Max 840Mbps for each GE input

Stream: UDP, UDP / RTP, 1-7 packets, FEC, SPTS, MPTS

Transport Protocol: UDP/RTP, unicast and multicast, IGMP V2/V3

TS Decoding Parameters

Video Resolutions: Up to 1080P

Video Form MPEG1/2/4; H.264; H.265; AVS; AVS+; VC1

Audio Form MPEG-1 Layer I/II/III; WMA, AAC,AC3

MAX decoding stream: 32 channels

Additional capabilities: Teletext; BISS decrypt option function

Aspect Ratio Control: 4:3(Letter & Box); 16:9

RF Modulation Parameters

Connector: F female connector

Number of RF channels: Max 32, Fully agile modulated channels

Supported Standard: NTSC, PAL BG/DI/DK option

Support:STD,HRC and IRC

Output Frequency:48 ~ 860 MHz

Out-band Rejection \geq 60dB

Flatness:-2dB per carrier

Return Loss :12 dB (min)

Differential Gain: \leq 5%

Group Delay Response: \leq 100nS

2K Factor: \leq 2%

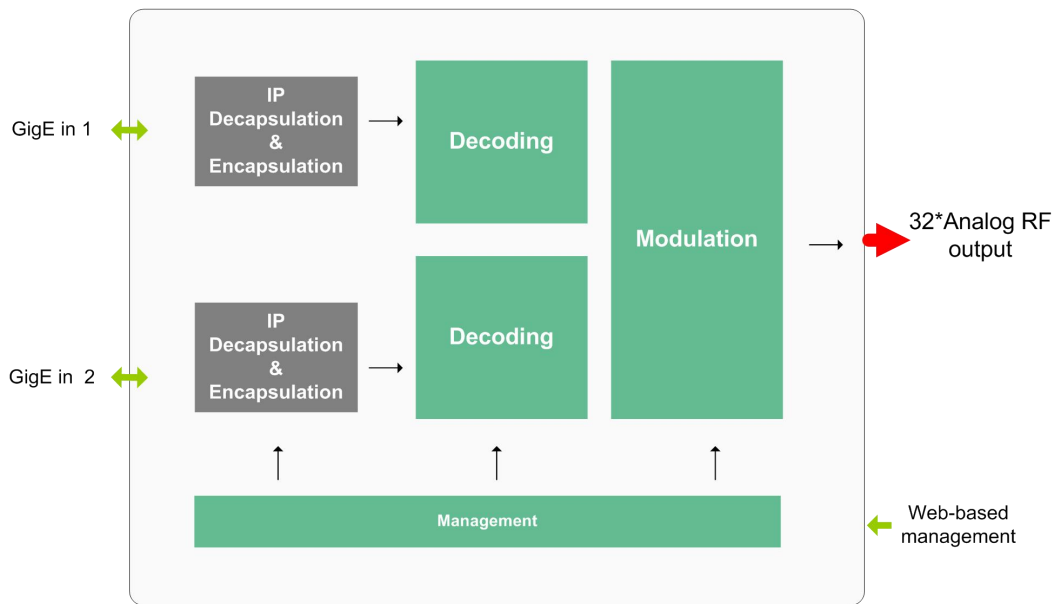
Output Level: \geq 53dBmV combined*

Adjust Range: 20dB Per 32CHs
10dB Per CH
Audio Output Format: MONO
Audio Level Adjust Range: 0 ~ 100 %
RF Test Point: -20 dB Relative to output

GENERAL OPTIONS

Management: NMS
Language: English
Power Supply: AC 90 ~ 264 V
Consumption: <240 W
Weight: 8.5 KG
Dimension: 484*435*89 (MM)

DIAGRAM



Should you have any questions, please contact with us any time!