

Quad HDMI® to Dual DVB-T Modulator H.264 with Agile Outputs 14MM-DTM4-R



The DTM4-R is a professional-grade quad HDMI® encoder modulator designed to distribute up to 4 HDMI sources over existing coaxial cabling. Supporting H.264 encoding with agile DVB-T RF outputs from 177-858 MHz, it is ideal for sharing content from CCTV NVRs, set-top boxes and media players across multiple TVs. Featuring dual RF carrier outputs, automatic transport stream management, HDCP support and MER performance up to 35dB, the DTM4-R delivers a flexible, high-quality AV distribution solution with simple setup via LCD panel or web UI control.



Features and Benefits

- » Quad HDMI® to DVB-T encoder modulator distributes up to four HDMI sources over existing coaxial cabling, eliminating the need for additional wiring.
- » Agile DVB-T RF output from 177-858MHz allows flexible channel allocation for congested MATV and commercial TV systems.
- » H.264 encoding technology delivers high-quality Full HD video distribution while efficiently managing bandwidth usage
- » Dual RF carrier outputs with automatic transport stream management provide reliable and seamless multi-channel TV distribution.
- » Supports HDCP, making it ideal for distributing content from CCTV NVRs, set-top boxes, media players and other HDMI devices
- » Simple configuration via the front LCD display or the web UI enables fast setup, easy adjustments, and convenient remote management.



Quad HDMI® to Dual DVB-T Modulator H.264 with Agile Outputs 14MM-DTM4-R



INPUT	
Type	4 x HDMI
Connector	4 x HDMI Type A
Video coding	H.264
Profile	Baseline profile 4.0
Resolution	Up to 1920x1080-25/30p
HDCP support	Yes
Audio	HDMI
Audio encoding	MPEG-2/AAC
Standard	MPEG-1 Layer II
Audio Bit Rate	192 kbps
H.264 Encoder	
Standard	H.264
Bit Rate	12 Mb/s
Configurable parameters	Service Name, Service ID, Video PID, Audio PID, PMT PID
Transport Stream Processing	
Automatic regeneration	NIT, PAT, SDT, PMT tables
Configurable parameters	TS ID, Original Network ID, Network Name, NIT Version
LCN support	Yes
LCN Providers	Country
Modulation DVB-T	
Standard	DVB-T (ETSI EN 300 744)
Constellations	64QAM
FFT Carrier	2K, 8K
Guard Intervals	1/32
Code Rate	7/8
Bandwidth	6 MHz, 7 MHz, 8 MHz, 7-8 MHz
RF Output	
Type	1 F type output ports for 2 carriers
Frequency	177 - 858 MHz
Output level	95 dB μ V Min.
Connector	75 Ω - F, female
Output attenuator	0 - -30 dB
Attenuation step	1 dB per step
MER	35 dB Min.
Connections	
IEC320	AC IN
HDMI IN	HDMI IN
RF OUT	RF outputs
LAN	Ethernet port
Management / Control	
Programming interface	LCD panel + KEY AND Web Management
General	

Display	LCD panel @ 2 x 16 characters
Power Supply	AC 100-240V 50/60Hz
Operating temperature	5°C - 40°C
Humidity	80% @ 30°C
Dimensions	19" x 12.5" x 1.75"