

# 17HPHD1v4

## HD to DVB-T Modulator with HD Cable Loop Through

The ProquipDigital 17HPHD1v4 HD to DVB-T RF Modulator accepts HD & CVBS input from the source and modulates the signal to a CATV/DVB-T1 channel.

It supports point to point, point to multipoint and multipoint to multipoint connection, display HD signal in every TV over existing coax cable.

New added feature of a HD Cable Loop Through to connect a local device/monitor.



### Features:

- Supports HD & CVBS input and DVB-T digital high definition RF signal output.
- HD input signal resolution up to full HD 1080P@60Hz.
- HD Cable Loop Through Feature.
- Distribute one source to multiple displays with one modulator via CATV splitter.
- Multiple modulators can be installed to distribute as many channels as needed.
- Firmware upgradeable via USB port.
- Programmable menu control, preset configuration to allow Plug and Play or manually configure to meet specific requirements

HDMI Encoding Section		
Video	Encoding	MPEG-4 AVC/H.264
	Resolution	1920*1080p@60, 1920*1080i@50, 1920*1080i@60, 1280*720p@60, 1280*720p@50
	Aspect ratio	16:9, 4:3
	Bitrate	1,000~18,000 Mbps
Audio	Encoding	MPEG1 Layer II
	Sample rate	48KHz
	Bit rate	64, 96, 128, 192, 256, 320kbps
CVBS Encoding Section		
Input	PAL, NTSC	
DVB-T Modulator Section		
Standard	DVB-T COFDM	
Bandwidth	6M, 7M, 8M	
Constellation	QPSK, 16QAM, 64QAM	
Code rate	1/2, 2/3, 3/4, 5/6, 7/8	
Guard interval	1/32, 1/16, 1/8, 1/4	
Transmission mode	2K, 8K	
MER	≥31dB	
RF frequency	50~950 MHz	
RF output level	0~ +6 dBm	
System		
Upgrade	USB	
Power supply	DC 12V	
Operation temperature	0~45°C	

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