



Technical specifications HD A/V to COFDM Modulator MODIG HD

Code	6000775			
HDMI Encoding Section				
Video	Encoding	H.264 MP@L 3.0/3.1/4.0		
	Interface	HDMIx1		
	Resolution	Input	Output	
		480i@30FPS	480i@30FPS	
		480p@59.94/60FPS	480p@60FPS	
		576i@25FPS	576i@25FPS	
		576p@50FPS	576p@50FPS	
		720p@50/59.94/60FPS	720p@50/59.94/60FPS	
		1080i@25/30FPS	1080i@25/30FPS	
1080p@24/30/50FPS	1080p@24/30/50FPS			
1080p@59.94/60FPS	1080p@30FPS			
Aspect Ratio	16:9, 4:3			
Bit rate	1.000~18.000 Mbps			
Audio	Encoding	MPEG layer 2		
	Sample rate	48KHz		
	Bit rate	64, 96, 128, 192, 256, 320kbps		
DVB-T Modulator Section				
Standard	DVB-T COFDM			
Bandwidth	6Mhz, 7Mhz, 8Mhz			
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	142.5~858 MHz, 1KHz step			
RF output level	-14 ~ +6dBm (95dBuV ~ 115dBuV), 1 dB step			
System				
RF mix in ATT	10 dB			
Management	LCD + control buttons			
Language	English			
LCN Insertion	yes			
Upgrade	USB			
General				
Power supply	12 VDC			
Dimensions & weight	183 x 110 x 50mm / < 1kg			