Stand alone modulators
HDMI to DVB-T modulators

Modulating from HDMI signal source into COFDM modulated DVB-T RF channel.

- frequency agile digital TV modulator
- LED display and push buttons control of internal microprocessor
- RF loop through input
- die-cast housing inside plastic case
- connectors:
  RF input/output - type F
  digital input - HDMI
  DC entry - 3.5/1.3 mm DC jack (reducer 5.5/2.1 mm in scope)

NEW

CABRIO LINE



Technical specifications

		MHD001	MHD001P*
Ordering number		14807	14808
Video input	input signal type	HDMI	
	video coding	MPEG-4 AVC/H.264, Baseline profile 4.0	
Audio input	input signal type	HDMI	
	audio coding	MPEG-1 Layer II, AAC	
H.264 Encoder	standard	MPEG-4 AVC/H.264	
Output resolution		up to 1920x1080x30p	
Transport stream processing	automatic generation	PAT, SDT, PMTs tables	
RF output	DVB standard	DVB-T	
	frequency range pr.	174 - 230 MHz, 470-862 MHz	
	MER, typical	32 dB	
	modulation	QAM64	
	channel bandwidth pr.	7 MHz/ 8 MHz	
	shoulder attenuation	> 36 dB	
	level/impedance	90 dBμV/75 Ω	
	output level adjustment pr.	0 ÷ -30 dB by 1 dB step	
	loop through frequency range/loss	45-862 MHz / ≤ 2.5 dB	
Current consumption		12 ± 1 V 300 mA	-
Power consumption		-	100-240 V~ 50/60 Hz 4 W
Operating temperature		0° C ÷ +40° C	
Dimensions/Weight (packed)		133x63x39 mm/0.18 kg	133x63x39 mm/0.34 kg

pr. software control

* MHD001P is packed with external power supply SYS1381-1212-W2E

Power supply

- switch-mode technology
- short circuit and overload protected



Technical specifications

T Y P E	SYS1381-1212-W2E
Ordering number	00635
DC output	+12 V 1 A max.
Mains voltage	100-240 V~ 50/60 Hz
Operating temperature range	0° ÷ +40° C
Dimensions/Weight (packed)	63.6x29.5x45.6 mm/0.091 kg