



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

CABRIOLINE



Technical specifications

	MHD001	MHD001P*
Ordering number	14807	14808
Video input	input signal type video coding	HDMI MPEG-4 AVC/H.264, Baseline profile 4.0
Audio input	input signal type audio coding	HDMI 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 frequency range pr. MER, typical modulation channel bandwidth pr. shoulder attenuation level/impedance output level adjustment pr. loop through frequency range/loss	DVB-T 174-230 MHz, 470-862 MHz 32 dB QAM64 7 MHz/ 8 MHz > 36 dB 90 dB μ V/75 Ω 0 \div -30 dB by 1 dB step 45-862 MHz / \leq 2.5 dB
Current consumption	12 \pm 1 V 300 mA	-
Power consumption	-	100-240 V~ 50/60 Hz 4 W
Operating temperature		0 $^{\circ}$ C \div +40 $^{\circ}$ 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 $^{\circ}$ \div +40 $^{\circ}$ C
Dimensions/Weight (packed)	63.6x29.5x45.6 mm/0.091 kg