

**NEW**

# HDM-2150E

## The Encrypt HD DVB-T Modulator

The HDM-2150E works by offering the incoming HDMI signals into an MPEG-2 encoder whereby the signals are converted into a digital bit stream. This is modulated into a standard 6/7/8MHz COFDM multiplex.

Use for creating Encrypted DVB-T RF signal from a multitude of HDMI sources including: satellite receivers, Blu-ray and DVD players, media and digital signage players.

Thanks to the AES-128 technologies, the user now can use the HDM-2150E with the decrypt STB together to create a better significant hospitality service.



### Main Specifications

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**Encrypt Function:**

Smart solution for program suppliers.

**Editable video and audio parameters:**

PMT, PCR PIDs, NIT LCN, Service Name

**Dual HDMI Input :** Multiple video format compatibility up to 1080i and multiple audio format compatibility including MPEG-1 Layer II.

**'Fanless' product :**

Natural convection cooling for reducing maintenance costs.

(\*) This model require to be used with specific decrypt function set top box.

Specifications	
<b>INPUT</b>	
Video input	2×HDMI (Type A receptacle)
Audio input	2×HDMI (Type A receptacle)
<b>ENCODING</b>	
Video resolution	Up to 1080i
Video compression	MPEG-2
Audio compression	MPEG-1 Audio Layer II (ISO/IEC 11172-3)
PID setting	PMT/Video & Audio/ PCR
PSI	NID/ONID/P.D.S./TS ID
LCN	Up to 1023
Service name	At most 15 characters
<b>MODULATION</b>	
Standard	DVB-T in accordance with ETSI 300 744
Channel bandwidth	6/7/8MHz
OFDM mode	2K/8K
Constellation	QPSK/16QAM/64QAM
RF frequency	50-860MHz
RF output level	80-95dBμV
MER	>38dB
Connector type	'F' Female
<b>CONTROL</b>	
Interface	LCD panel and buttons/ Web UI supporting
<b>GENERAL</b>	
Type	19 inch rack mount
Dimensions / Weight	44×440×280mm / 2.5kg
Power supply	AC 110-240
Power consumption	25 W
Temperature range	0...+55C