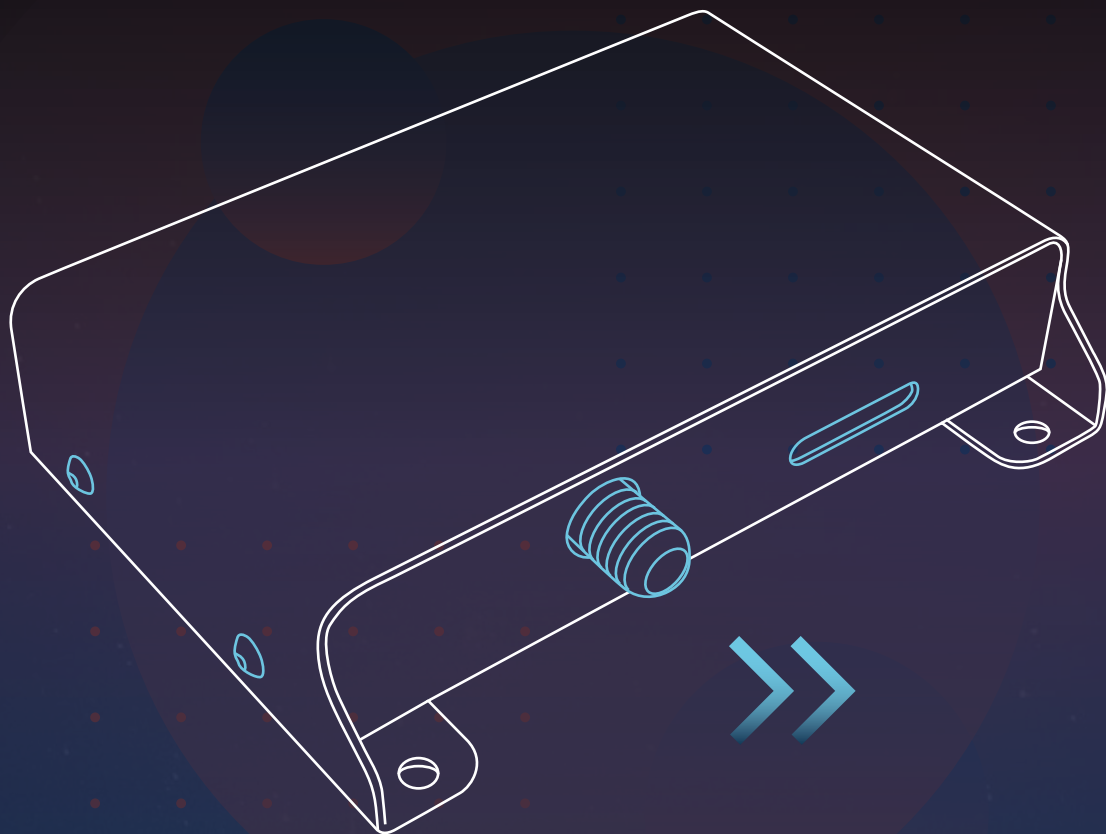




*Globally
compatible.
Easy to deploy.*



Distributing HDMI content

HDMI input up to 1080p, with HDCP 1.4 support | Multi-standard RF output:
DVB-T/C, ATSC, ISDB-T, DTMB | High-quality H.264 encoding with up to 20
Mbps bitrate | Full transport stream generation: PAT, PMT, SDT, NIT, EIT |
Bluetooth app control (Android & iOS supported)

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HDMOD-7

The HDMOD-7 is a versatile and compact Full HD HDMI modulator designed to convert one HDMI signal into a high-quality digital RF output, compatible with DVB-T, DVB-C, ATSC, ISDB-T, and DTMB standards.



HDMOD-7

Supporting resolutions up to 1080p and encoding in H.264, it delivers exceptional video quality for professional and commercial use.

Ideal for international deployments, the HDMOD-7 allows seamless integration into any RF distribution system with configurable transport stream parameters, LCN support, and wide RF frequency range (50–950 MHz). It features Bluetooth 5.0 connectivity for easy configuration via Android or iOS devices, making setup fast and intuitive.

The HDMOD-7 is the perfect solution for distributing HDMI content across any coaxial RF network in hotels, commercial venues, or broadcasting applications



MODULATOR

HDMOD-7

1xHDMI to DVB-T/C/ATSC/ISDB-T/DTMB
FULL HD modulator



Input		DVB-C	
Type	1 x HDMI	Constellation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM
HDMI loop-through	No	Symbol rate	2.5-8.4 Ms/s
Connector	HDMI Type A	MER	More than 40dB @ Full Band
Video		ATSC	
Video coding	H.264 AVC	Constellation	8-VSB
Input resolution	Up to 1920 x 1080 - 50/60 p & i	Bandwidth	6MHz
Max. bitrate	Up to 20Mbps	ISDB-T	
HDCP support	Yes, v1.4	Bandwidth	6 MHz
H.264 encoder		Mode	2K,4K,8K
Output resolution	Up to 1920 x 1080	Constellation	QPSK, 16QAM, 64QAM
Max. frame rate		Guard interval	1/4, 1/8, 1/16, 1/32
Bit Rate	Up to 20Mbps	Code rate	1/2, 2/3, 3/4, 5/6, 7/8
Profile	MP@ML, MP@HL	MER	More than 40dB @ Full Band
Levels	Main Level, High Level	DTMB	
Chroma format	Y:Cr:Cb: 4:2:0	Bandwidth	2-8 MHz
Audio		Mode	2K,4K,8K
Encoding	MPEG1-L2, AAC-LATM,AAC-ADTS, AC-3	Constellation	QPSK,QPSK-NR, 16QAM,32QAM,64QAM
Transport Stream Processing		Guard interval	420,945,595
Automatic generation	NIT, PAT, CAT, SDT, PMTs, EITs tables	Code rate	4,6,8
Configurable parameters	TS ID, Original Network ID, Network ID, Provider Name	Inter Leave	None,240,720
LCN Support	Yes	MER	More than 40dB @ Full Band
LCN providers	Nordig, ITC/UK, EICTA/Europe, New Zealand	Interface	Bluetooth 5.0
RF Output		Platform support	Android version 7 and above iOS version: 12 or above
Output Frequencies	50...950MHz	EAN-13	
Output Level	90dBuV	Code	5213009762854
Connector	50 Ohm (for 1080i) or up to 30 (for 1080p)	General	
Output Attenuator	0...-30dB	Power supply	+12 VDC
DVB-T		Power supply consumption	1A max.
Bandwidth	2-8 MHz	Operating temperature	0 °C to 40 °C
Mode	2K,4K,8K	Storage temperature	-10 °C to +70 °C
Constellation	QPSK, 16QAM, 64QAM	Humidity	Up to 90%
Guard interval	1/4, 1/8, 1/16, 1/32	Dimensions	118 x 80 x 28mm
Code rate	1/2, 2/3, 3/4, 5/6, 7/8	Mounting	Wall mount
MER	More than 40dB @ Full Band		



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