

# ClearView Model:HD4660

## HD DVB-T MODULATOR



Digital modulators convert Digital Video Broadcasting (DVB) standard definition video and audio signals to DVB-T. The HD4660 provides respectively quad inputs. All units feature programmable channel and network names. Adjustable RF output (Normal, Inverted, and C.W.), adjustable logic channel numbering (LCN) and adjustable attenuation are standard features. The unit's front-mounted LCD display and controls allow for easy configuration.



### Specification

Source Input	HDMI / YPbPr / CVBS
Input Channel	4
Video	HDMI 1.4 / YPbPr / CVBS
Video System	HDMI: 480i/p, 576i/p, 720p, 1080i/p YPbPr (1080i, 720P, 576i/P, 480i/P) / CVBS
Video Input Level	1.0 V (pp)
Audio Input Level	6.0 V (p-to-p)
Audio System	2 (Stereo) / HDMI

Compression	HDMI / YPbPr / CVBS
Video	HD H.264 , MPEG-4 AVC / HP@ L4.0 SD MPEG-2 / MP@ML
Video Resolution	1080P, 1080i, 576i, 480i
Video Bit Rate	6 Mbit/S Max.
Audio	MPEG 2, MPEG-2 AAC
Audio Bit Rate	384 Kbit/s
DVB Insertion Tables	SDT, NIT
Editable Field	Service Name, TS ID, Network ID, Original NET ID, LCN, Network Name

RF Output	HDMI / YPbPr / CVBS
• Type	1 Multiplex DVBT with a digital TV service
• Frequency	177 – 858 MHz
• MER	35 dB, typically
• Output level	100 dBuV
• RF Level Adjustment	0 dB ~ -30dB
• Attenuation step	2 dB per step

Connections	HDMI / YPbPr / CVBS
Video	HDMI IN / RCA Female
Audio, L/R	HDMI PASS THROUGH / RCA Female
RF Output	1 DVBT RF output with type F female, 75 ohm

Configuration / Management	
Configuration	6 Local keys on front panel :
Web Management	RJ-45 Ethernet port

Modulation	Standard: DVBT (ETSI EN 300 744) Constellation: QPSK, 16QAM, 64QAM Guard Interval: 1/4, 1/8, 1/16, 1/32 Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8 FFT Carrier Mode: 2K, 8K Bandwidth: 6MHz, 7MHz, 8MHz, 7~8MHz
Power Supply	AC 100~240V 50/60Hz
Display	LCD panel @ 2 x 16 characters.
Environmental for operating	Temperature: 5°C- 40°C
	Relative Humidity: 80% @ 30°C

\*Specifications subject to change without prior notice.