VeCOAX MicroMod HD

video distribution

Compact Size & Perfect Full HD

1 video channel High Definition Digital RF Modulator

The VeCOAX MICROMOD HD is a compact HD Modulator, **#1 Best-In-Class for HD Quality & Price** ideal solution to distribute HD video signals to an unlimited number of HD Televisions over the existing Coax Cables, perfect replacement for old analog modulators and perfect alternative to much more complex matrix and extenders.

The MICROMOD HD converts One HD High Definition Video Signal into a Digital RF TV Channel you can inject directly to the coaxial cabling and receive on any Digital HD TV as regular HD station on the channel list.

The MICROMOD HD Video Quality is The Best On the Market, Same of our bigger Rack models, Crystal Clear, Perfect on smallest details & graphics, Same as the original, up to 1080P Real FULL HD resolution already supported by the main sports and entertainment channels as well by your televisions and all playback devices, with full digital Sound and Picture.

Multiple units can be used in a system, also installed in different points to inject the local HD Video signal from their position to the same coax cable, up to the number of channels you need.

The Micromod can be used anywhere, totally silent and fanless, wall mounted or desktop.
A rack mount accessory called MODULA is also available to combine up to 8 Micromod in a 6u rack space

The VeCOAX MICROMOD installs in Minutes, Easy, just connect your Video Sources and the Coax out, and comes standard with all the accessories including all the HD Video Cables.

ProVideoInstruments Digital Modulators are deployed in thousands of installations such as Private Homes, Entertainment Systems, Security Systems, Hotels, GYMs, Sports Bars, YMCAs, Corporate Centers, Casinos, Academia, Cruise Liners, Luxury Yachts, Stadiums, Hospitals, Digital Signage, Assisted Living, RVs, Houses of Worship, Fitness Centers and more.
Professional Construction with 5 Years warranty - Made In USA

Made in USA

Key Benefits

Converts One HD Video Signal to a Digital TV RF Channel - Watch on ALL TVs via the existing Coax Cables

Full HD 1080p #1 BEST HD Video Quality & Price on the Market - Broadcast-Grade - Real FULL HD up to 1080P @60 F/s

Hi-Performance Video Processing - Real Time distribution to All Your TVs with Perfect Vision and Control

Application Example

VeCOAX HD/SD Video Distribution to HD TVs over Coax

Your Video Signals

1x Input

VeCOAX MicroMod

HD RF CHANNEL
Out To Any Coax

MY PROGRAM #1 HD
MY PROGRAM #2 HD
MY PROGRAM #3 HD
MY PROGRAM #4 HD
.. other TV Programs

Fanless - Noiseless

HDMI   QAM   ATSC   DVBT   ISDBT   DVBC

Main Specifications

Operation	
Connect the Input Video Sources	Connect all your HDMI or Component or CVBS HD/SD video sources, up to 1080p Full HD
Set Output Channels	Set the Channel Number as you need it to list on your Televisions
Connect your Coax	Connect our Coax output directly to your coax distribution splitter to all your TVs
Scan Your TVs	Find your new channel on all your TVs, added to the channel list as you need

Quick Start Guide	Easy Setup in minutes through the included quick start guide - WEB Browser or Front Panel
Remote Support	We offer unlimited Free Tech support to help you to setup your system in minutes

Video

HD Video Quality	One MPEG Encoding Chip per Each Input - The Very Best HD Quality up to 1080p FULL HD
Picture Details Quality	Master-Quality, Broadcast-Grade, outstanding small details & Perfect Motion on Sports
Video Inputs	1X HD/SD Audio-Video Inputs, selectable HDMI / COMPONENT / CVBS & digital/analog audio
Input Resolution	Auto-Detect - Up to 1080p FULL HD and full motion @ 60 Frames Per seconds
VGA input	Yes - Connects VGA and L/R audio via optional cable adapter scaler to the HDMI Inputs
DVI input	Yes - Connect directly any DVI video and L/R audio to the HDMI Inputs
Bonus Channels	USB port to play Video contents and playlists from a simple USB PEN
Closed Caption / TXT	Yes - all formats
Encoding Modes	All Modes - MPEG2 / MPEG4 H264 selectable by software per each channel up to 1080i/p
ATSC 2.0 1080p	Already Compatible with the Newest MPEG4 H264 ATSC 2.0 American Standard up to 1080p
Encoding Latency	Broadcast-Grade ultra low delay mode - Real Time Encoding and Distribution over coax
Encoding Bitrates	User selectable From 0.5 to 30 Megabits/s per channel - VBR/CBR Stat Mux
Encoding Quality	Broadcast-Grade TRIPLE-PASS Motion Estimation with CRYSTAL-VIEW Technology
Encoding Control	Video Bitrate, CBR/VBR, Ultra fast encoding modes, 1080P mpeg2 mode

Audio

Audio Inputs	1x software selectable between HDMI digital Embedded or L/R Analog
Audio Format	All Modes as well Digital Multi-channel pass-through
Audio / Video pair	Each Video Input can use either Digital or L/R analog audio in (select by software)
Analog Audio with Digital Video	Yes - can input analog Audio from the L/R ports and combine with the Digital Video Input

Coaxial Output

Standard	Available: **USA QAM CABLE** - **USA ATSC OFF AIR** - **DVBT/T2** - **DVBC/C2** - **ISDBTb** - **DMB-T**
Mer Quality	Very High Quality Mer of 45dB+ the best reception on all TVs over any existing Coax Cables
Spectrum Quality	Totally Digital DDS spectrum for perfect operation on any coax, also adjacent to other channels
Change Standard	Output Standard can also be changed on site via software and USB cable
Channel Numbers	Can be set to Any Channel - (Full Band 30-950 MegaHertz) any bandwidth
Output Level	Full HeadHend RF level out +25 dB millivolts - Directly drives splitters and long Coax Cables
Coax Distribution	Distributes channels over any existing coax cable system to an unlimited number of Digital Televisions
RF Carriers	One Carrier our - full bandwidth / full quality
USA QAM Digital Cable Model	American Cable Standard - All Modes supported, including 64QAM and 256QAM
USA ATSC OFF AIR Digital TV Model	American Digital OFF-AIR Standard - All Modes supported
DVB-C Cable Model	All DVB-C Modes supported, as well all world-wide standards J.83A + J.83B + J.83C + J.83D
DVB-T/T2 Model	All World-Wide Modes Supported - 6 / 7 / 8 Mhz Bandwidth - South America / NZ / AU / EU

ISDB-Tb Model	Brazilian Digital Terrestrial Standard - All Modes supported
DMB-T Model	Chinese Digital Terrestrial Standard - All Modes supported
PSI / PSIP / NIT / EIT / VCT ..	All Supported

Control

Front Panel	Easy Setup & Control through display and panel keyboard - Clear Led Status Indicators visible anywhere

Channels Expansion

Daisy-Chain or Coax Combiners	Can connect Multiple Units also of different models for the wanted number of channels

General

Power	External Pro Power Supply - 100-240VAC 50/60Hz, 24W max
USA Standard Model Enclosure Dimensions & Weight	6.3" H x 9,5" W x 2 D 160 mm H x 240 mm W x 50 mm D 2.2 lbs (1 kg)
International M4 Model Enclosure Dimensions & Weight	ONLY If MPEG4 option is selected valid only for: EU / AU / BR / Latin America DVB-T / DVB-C / ISDBTb only 4.4" H x 6.1" W x 2 D 110 mm H x 155 mm W x 50 mm D 1.1 lbs (0,5 Kg)
Shipping Dimensions (individual)	Carton Box 13" H x 14.2" W x 3.6" D 330 mm H x 360 mm W x 90 mm D
Max Shipping Weight	5.51 lbs (2.5 kg)
Cooling	Natural Air Circulation - FanLess - Noiseless
MTBF	55,000 hours
Compliance	FCC Class A, IEC60065, EN61000, CE, RoHS, RCM, C-Tick

Warranty	5 years
Rear Panel	Available connectors and layout changes based on model and options

The content of this document is subject to revision without notice due to continued progress in methodology, design and manufacturing.

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Connectors layout and type might change depending from the chosen options and configuration – Pictures are only indicative of the general model

Cables and accessories

Power Supply	Included - compatible to your country socket
Video Input Cables	Included

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Products before you buy.
Talk with a knowledgeable
Specialist. Monday to Friday
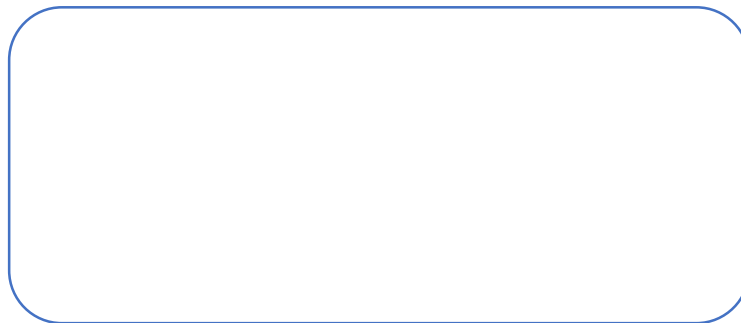9AM -7PM EST Time

+1 (302) 669-9077

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Tell us your needs
Our Specialists will reply to you
shortly with all the answers and
information you need for the
best and cost-saving results

info@provideoinstruments.com

OFFICIAL RESELLER:

PVI
PRO VIDEO INSTRUMENTS

ProVideoInstruments Corp

1201 Orange St. - Wilmington, Delaware 19899, USA   Phone: +1 (302) 669-9077   Skype: provideoinstruments.com
EST Standard Time (NY)   Fax: +1 (302) 397-2456   E-Mail info@provideoinstruments.com   Web www.pviusa.com