



8 video channels SD Standard Definition Digital RF Modulator

The VeCOAX PRO8 AV is a Eight Channels SD Standard Definition Video RF Modulator

#1 Best-in-class for SD Quality & Price , ideal solution to distribute 8x CVBS Composite video signals and stereo sound to an unlimited number of Digital Tuner Televisions over the existing Coax Cables, perfect replacement for old analog modulators and perfect alternative to much more complex matrix and extenders.

The PRO8 converts Eight AV Audio/Video Signals from any CVBS-Composite Source into Digital RF TV Channels you can inject directly to the coaxial cabling and receive on any Digital TV as regular SD stations on the channel list.

The VeCOAX Video Quality is The Best On the Market, Crystal Clear, Same as the original video source, with 14 bits video precision and 4:4:4 full processing, TBC and DNR, for outstanding quality of vision also on very large screens.

Multiple units also of different models can be connected together at any time to expand the number of channels as you need.

The IPTV SPTS simultaneous streaming output is available as option to watch all programs also over wifi and lan on tablets, computers, mobile devices.

The VeCOAX PRO8 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



Key Benefits



Converts Eight Video Signals to Digital TV RF Channels - Watch on ALL TVs via the existing Coax Cables



#1 BEST SD Digital Video Quality & Price on the Market - Broadcast-Grade - 14 Bits PRO Composite CVBS



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

Application Example

VeCOAX SD Standard Definition Video Distribution to TVs Coax



Main Specifications

Operation

Connect the Input Video Sources	Connect all your A/V video sources, in CVBS Composite and L/R Audio
Set Output Channels	Set the Channel Numbers as you need them 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 channels 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

Video Quality One MPEG Encoding Chip per Each Input - The Very Best SD Quality also on large screens

Picture Details Quality Master-Quality, Broadcast-Grade, outstanding small details & Perfect Motion on Sports

Video Inputs 4X CVBS-Composite video and L/R Stereo Sound

Input Resolution Auto-Detect - PAL/NTSC 16:9 4:3 - 4:4:4 Time Base Corrector + DNR Dynamic Noise Reduction

VGA input Yes - Connects VGA and L/R audio via optional cable adapter scaler to the CVBS + L/R Inputs

DVI / HDMI input Yes - Connect directly any DVI/HDMI video and audio to the CVBS + L/R Inputs

Bonus Channels Yes - Inject up to 4 additional channels from ASI input via common TS media players / USB

Closed Caption / TXT Yes - all formats

Encoding Modes All Modes - MPEG2 / MPEG4 H264 selectable by software per each channel

ATSC 2.0 Already Compatible with the Newest MPEG4 H264 ATSC 2.0 American Standard

Encoding Bitrates User selectable From 0.5 to 20 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, Gop, Profiles, Levels

Audio

Audio Inputs 8X L/R Stereo Audio - one stereo pair per each video input

Audio Format All Modes as well Analog Surround Sound Compatible

Coaxial Output

Standard	Available: USA QAM CABLE - DVBC/C2
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 +45 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	1x QAM / DVB-C RF Carrier with 8 services in multiplex QAM mode channel numbering : xx.1 xx.2 xx.3 --- xx.8 DVB-C mode channel numbering : any number per each service, via NIT set on our software
USA QAM Digital Cable Model	American Cable Standard - All Modes supported, including 64QAM and 256QAM
DVB-C Cable Model	All DVB-C Modes supported, as well all world-wide standards J.83A + J.83B + J.83C + J.83D
PSI / PSIP / NIT / EIT / VCT ..	All Supported

IPTV Output

IP Streaming Out	Yes - 1x Gigabit IPTV streaming output port
Number & Type of Streams	8x selectable RTP/UDP SPTS Single Program Transport Streams, IGMP, Multicast/Unicast
Average Bitrate Per Stream	4 Megabit/s in MPEG2 SD mode - 1.5 Megabit/s in MPEG4 H264 SD mode

Multicast Broadcast Mode	Yes -1 stream (1 time the bitrate) can serve an unlimited number of ip video players
Play on Any IP Device	Compatible to any IP Video player Software, IPTV set top Boxes, PCs, Tablets, Phones, IP TVs
Play on AirPlay / DNLA	Yes, Requires our WIFI access point server - plays directly from Safari, Apple TV3, WIFI TVs

EAS

EAS GPI Port	Available SNMP Module - dry contacts inputs
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Control

Front Panel	Easy Setup & Control through display and panel keyboard - Clear Led Status Indicators visible anywhere
WEB Remote Control	Integrated WEB interface to login and remote control from anywhere
SNMP Remote Control	SNMP control via standard MIB file driver - compatible to any NMS SNMP software
Interface	Dedicated RJ45 100 Base-T Ethernet Network Port

Channels Expansion

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

Power	Internal Professional Power Supply with power switch - 100-240VAC 50/60Hz, 65W max
Enclosure Dimensions	1.72" H x 19" W (rack ears) x 9.5 D 43.6 mm H x 482.6 mm W x 240 mm D
System Weight	5.5 lbs (2.5 kg)
Shipping Dimensions (individual)	Carton Box 5.2" H x 23" W x 23" D 132 mm H x 584 mm W x 584mm D
Shipping Weight	9.9 lbs (4.5 kg)
Cooling	Natural Air Circulation and redundant fans
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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Cables and accessories

Power Cord	Included - compatible to your country socket
Video Input Cables	Included
Asi Input Cable	Included
Rack Mount Ears	Included

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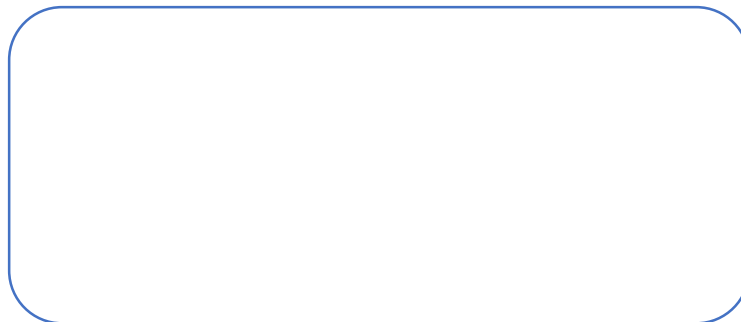


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Tell us your needs
Our Specialists will reply to you
shortly with all the answers and
information you need for the
best and cost-saving results

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