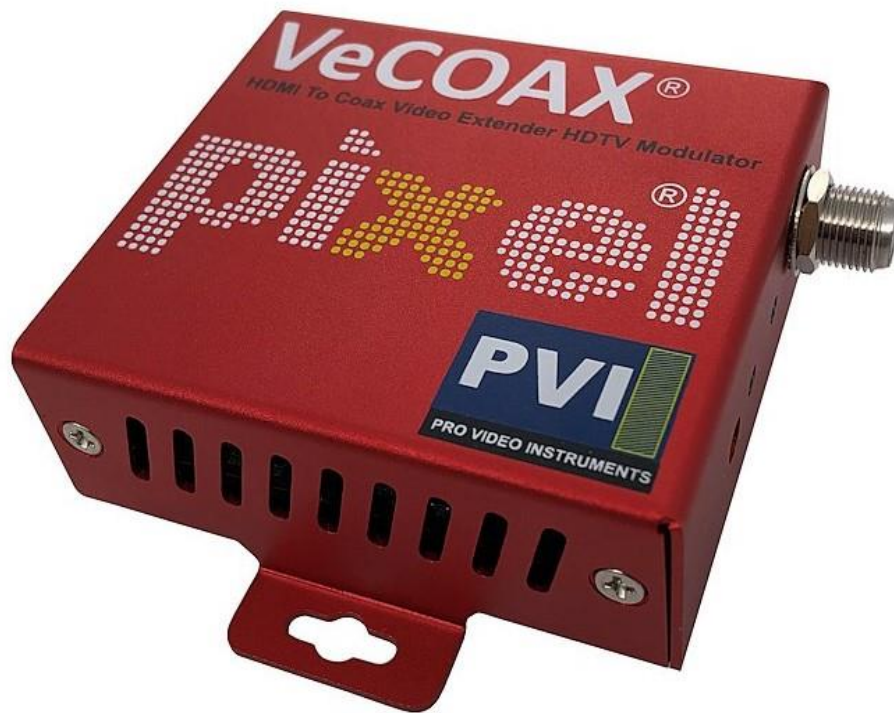


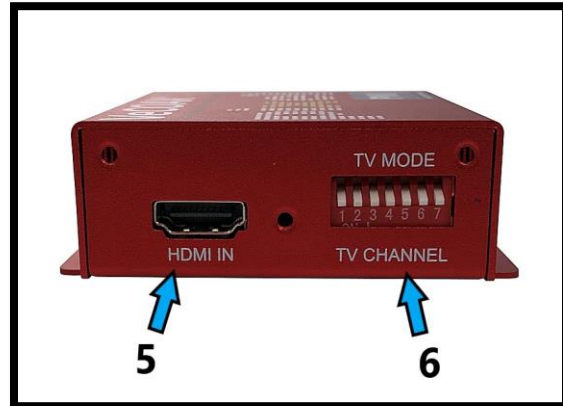
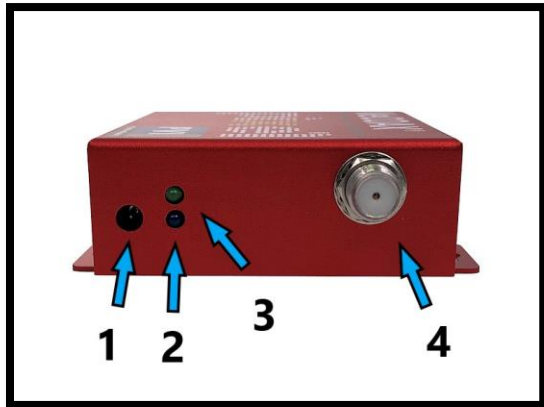


VeCOAX



VECOAX PIXEL 720P HDMI
ISDB-T RF MODULATOR

DEVICE LAYOUT



| | |
|--------------------------------|--------------------------------------|
| 1) Power Adapter Input (5V DC) | 4) RF Coaxial Cable Output Connector |
| 2) BLUE On-Air Indicator LED | 5) HDMI Input |
| 3) GREEN Power Indicator LED | 6) Channel Selector Dipswitch |

STATUS INDICATOR LIGHTS

| GREEN POWER LED | | BLUE ON-AIR LED | |
|-----------------|------------|-----------------|--------------------------------------|
| SOLID | POWERED ON | SOLID | NO HDMI DETECTED – TEST PATTERN ONLY |
| OFF | NO POWER | BLINKING | BROADCASTING HDMI INPUT |
| | | OFF | NOT BROADCASTING |

QUICK SETUP GUIDE

It is recommended to test the device first on a test bench for your application before making it a permanent installation to your system so troubleshooting is easier.

1. Set your Channel using the Selector Dipswitch. (See [CHANNEL LIST](#).)
2. Connect your included Power adapter into the unit. After a few seconds, the Power LED and On-Air LED will both be steady lit.
3. Connect a short piece of coax cable to your TV's RF In and the other end to the unit's RF Out.
4. Auto Scan for Channels on your TV(s).
5. Once the scan is complete, tune to the Channel found on your TV. You should see a PVI test pattern screen.
6. Connect your HDMI source cable. Once you have inserted a valid HDMI Video Signal into the HDMI port, the On-Air LED on the side will blink slowly.
7. After a few seconds, you should see the video playing on your selected Channel.

If you need to change the channel on a unit you've already installed:

1. Disconnect unit from power.
2. Set the new Channel using the Selector Dipswitch.
3. Power on the unit.
4. Run a new channel scan on your connected TV(s).

INSTALLING MULTIPLE UNITS

- Ensure each Modulator is on its own unique Channel.
- Test each Modulator individually with a Test TV before you combine into your cable distribution network.

COMBINING WITH OTHER SOURCES

- If combining with an OTA Antenna, before you select your channel, check online for your local over-the-air channel frequencies. Be sure to select a frequency that is not within 6 MHz of the active channels in your area.
- If combining with other modulators, be sure to select a channel frequency that is not within 6 MHz of the channels used by those modulators.

CHANNEL LIST – ISDB-T

| CHANNEL Key ID | SWITCH 1 2 3 4 5 6 7 | FREQUENCY (MHz) | CHANNEL Key ID | SWITCH 1 2 3 4 5 6 7 | FREQUENCY (MHz) |
|-------------------|-------------------------|--------------------|-------------------|-------------------------|--------------------|
| 14 | U D D D D D D | 473.143 | 42 | U D U U U D D | 641.143 |
| 15 | D U D D D D D | 479.143 | 43 | D U U U U D D | 647.143 |
| 16 | U U D D D D D | 485.143 | 44 | U U U U U D D | 653.143 |
| 17 | D D U D D D D | 491.143 | 45 | D D D D D U D | 659.143 |
| 18 | U D U D D D D | 497.143 | 46 | U D D D D U D | 665.143 |
| 19 | D U U D D D D | 503.143 | 47 | D U D D D U D | 671.143 |
| 20 | U U U D D D D | 509.143 | 48 | U U D D D U D | 677.143 |
| 21 | D D D U D D D | 515.143 | 49 | D D U D D U D | 683.143 |
| 22 | U D D U D D D | 521.143 | 50 | U D U D D U D | 689.143 |
| 23 | D U D U D D D | 527.143 | 51 | D U U D D U D | 695.143 |
| 24 | U U D U D D D | 533.143 | 52 | U U U D D U D | 701.143 |
| 25 | D D U U D D D | 539.143 | 53 | D D D U D U D | 707.143 |
| 26 | U D U U D D D | 545.143 | 54 | U D D U D U D | 713.143 |
| 27 | D U U U D D D | 551.143 | 55 | D U D U D U D | 719.143 |
| 28 | U U U U D D D | 557.143 | 56 | U U D U D U D | 725.143 |
| 29 | D D D D U D D | 563.143 | 57 | D D U U D U D | 731.143 |
| 30 | U D D D U D D | 569.143 | 58 | U D U U D U D | 737.143 |
| 31 | D U D D U D D | 575.143 | 59 | D U U U D U D | 743.143 |
| 32 | U U D D U D D | 581.143 | 60 | U U U U D U D | 749.143 |
| 33 | D D U D U D D | 587.143 | 61 | D D D D U U D | 755.143 |
| 34 | U D U D U D D | 593.143 | 62 | U D D D U U D | 761.143 |
| 35 | D U U D U D D | 599.143 | 63 | D U D D U U D | 767.143 |
| 36 | U U U D U D D | 605.143 | 64 | U U D D U U D | 773.143 |
| 37 | D D D U U D D | 611.143 | 65 | D D U D U U D | 779.143 |
| 38 | U D D U U D D | 617.143 | 66 | U D U D U U D | 785.143 |
| 39 | D U D U U D D | 623.143 | 67 | D U U D U U D | 791.143 |
| 40 | U U D U U D D | 629.143 | 68 | U U U D U U D | 797.143 |
| 41 | D D U U U D D | 635.143 | 69 | D D D U U U D | 803.143 |
| LEGEND | U = UP | D = DOWN | Bandwidth: | 6 MHz | |

CHANNEL LIST – ISDB-T (CONTINUED)

| CHANNEL Key ID | SWITCH 1 2 3 4 5 6 7 | FREQUENCY (MHz) | | | |
|-------------------|-------------------------|--------------------|-------------------|--------------|--|
| 70 | U D D U U U D | 809.143 | | | |
| 71 | D U D U U U D | 815.143 | | | |
| 72 | U U D U U U D | 821.143 | | | |
| 73 | D D U U U U D | 827.143 | | | |
| 74 | U D U U U U D | 833.143 | | | |
| 75 | D U U U U U D | 839.143 | | | |
| 76 | U U U U U U D | 845.143 | | | |
| 70 | U D D U U U D | 809.143 | | | |
| LEGEND | U = UP | D = DOWN | Bandwidth: | 6 MHz | |

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VECOAX PIXEL ISDB-T MODULATOR

PRODUCT SPECS & FEATURES

Power - 5v/DC (5V 1A)

Converts HD video HDMI input to RF output over Coax, using ISDB-T 6 MHz standard.

Compact Design makes installation easy.

Works with many different TV brands including Samsung, Sony, Vizio, LG, and More.

Receives on TVs as its own HDTV channel as a 720p HD signal with AAC Audio.

Easy Plug and Play Setup with channel customization set via dipswitch control.

Can be mixed with other HDTV signals such as Digital Cable or Over the Air Channels (depending on Frequencies available for you to use)

Modular – Expandable – Reliable - 5 Year Warranty – Affordable

TECH SUPPORT – CONTACT US

Before contacting us, please read this manual carefully, as it covers ALL and EVERY aspect to set this product as per your needs, using pictures and examples.

Should you need any additional support, to submit a support ticket, please go to www.pvisupport.com and click “Submit a Ticket”. Our support staff will address your questions very quickly right after you post the ticket.

We strongly suggest that you open a ticket first before calling, so we can best support you.

Our tech support department is active MON-FRI 9:30 AM – 5 PM US EST TIME. Tickets posted outside of this time window or on weekends and holidays are responded to ASAP the following business day.

Free phone tech support is available by calling +1 407 720 6101 ext #2, MON-FRI 9:30 AM – 5 PM US EST TIME.

END