

HDbridge Series

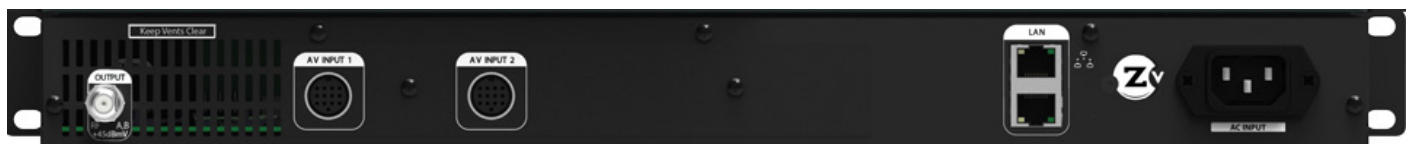
Product Number: HDb2620-DT

HDb2620 with DTV cables

HDb2620-DT with DirecTV cables is an HD video encoder/QAM modulator with two DIN inputs for up to 1080p Component video/digital and analog audio or VGA video/analog audio. MPEG-2 QAM RF output. Closed Captions supported on composite input. Includes two Hydra 3-foot DIN to Mini-DIN cables for use with DirecTV H25 receivers, rack ears, and a power cord. 6-foot DIN to Mini-DIN and VGA cables are sold separately. NOTE: These modulators will not work with DirecTV H26K satellite receivers.



Color LED Screen
Directional Controls



Coax Output
AV Input
AV Input
10/100 LAN Ports
AC Power Input

What's in the box?

- HDb2620 with DTV cables
- Two 3-foot DIN to Mini-DIN cables
- Rack ear and power cord

ENTIRE PRODUCT LINE:

HDb2312-NA	HDb2520-DT	HDb2620-NA	HDb2640-EU	HDb2920-NA
HDb2312-EU	HDb2540-NA	HDb2620-EU	HDb2640-DT	HDb2920i-NA
HDb2520-NA	HDb2540-EU	HDb2620-DT	HDb2840-NA	
HDb2520-EU	HDb2540-DT	HDb2640-NA	HDb2840-EU	

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<p>00-240 VAC 50/60 Hz, 60W W Typical 320-C14</p>	<p>Cooling: Dual internal cooling fans, Front inlet, Rear exhaust MBTF: 62,000 hours</p>	<p>Temperature/Humidity: Operating +32°F to +113°F (0°C to +45°C) / 10% to 80%, non-condensing</p>										
<p>Compliance: FCC Class A, IEC60065, 000 (see manual 70-00031-00), RoHS, RCM C-Tick</p>	<p>Enclosure Dimensions: 1.72 in. (H) x 17.33 in. (W) (without rack mount ears) x 9.9 in. (D) 43.6 mm (H) x 440.2 mm (W) x 251.5 mm (D)</p>	<p>Enclosure Type: Metal Shipping Weight: 7.88 lbs. (3.58 kg) 3.58 kg (7.88 lbs.)</p>										
<p>Mounting: Rack ears shipped attached, RU high</p>	<p>Carton Dimensions (individual): 4.25 in. (H) 30.875 in. W 12.125 in (D) 108 mm (H) 785 (mm) W 308 (mm) (D)</p>	<p>Warranty: 5 Years Vibration: NSTA 1A in carton</p>										
<p>Input</p> <p>Component Video x2: DIN connector HDbridge end, RCA connectors for HD source up to 720p</p>	<p>VGA Resolutions Supported:</p> <table border="1"> <tr><td>640x480</td><td>1176x664</td></tr> <tr><td>720x480</td><td>1280x720</td></tr> <tr><td>800x600</td><td>1280x768</td></tr> <tr><td>1024x768</td><td>1280x800</td></tr> <tr><td>1152x864</td><td>1280x900</td></tr> </table>	640x480	1176x664	720x480	1280x720	800x600	1280x768	1024x768	1280x800	1152x864	1280x900	<p>Closed Caption: EIA/CEA-608 captions accepted over composite video input</p> <p>Extra Digital Channel: MPEG2 Program stream file, up to 200 MB</p>
640x480	1176x664											
720x480	1280x720											
800x600	1280x768											
1024x768	1280x800											
1152x864	1280x900											
<p>Video Encoder</p> <p>Encoder Video Profile: MPEG2 HD: ISO13818-2 MainProfile@ HighLevel</p> <p>Average Encoding Data Rate: 18 Mbs per channel</p>	<p>Traffic Shaping: Variable Bit Rate</p> <p>Encoding Latency: Programmable 200 msec to 400 msec</p> <p>Video, Audio PID: Programmable starting value</p>	<p>Video Encoding Data Rates: Variable, 10 Mbs - 24 Mbs per channel</p> <p>Color Profile: 4:2:0</p> <p>Program Information: Programmable program name, EIT</p>										
<p>Encoder Audio Profile: ATSC A/52, (AC-3)</p> <p>GOP Size: 16</p>	<p>Modulator/Upverter</p> <p>Modulation Types: QAM 256 and 64 (ITU-T J83 Annex B) Interleaving modes: (64,2) only</p>	<p>Frequency Range: Single or one paired, frequency agile QAM RF CATV channels 2-135</p> <ul style="list-style-type: none"> • 2kHz resolution • +/- 30 ppm accuracy • +/- 35 ppm stability 										
<p>Output Power: +45 dBmV typical</p> <p>I/Q Amplitude Imbalance: < 1% typical</p>	<p>Cable Standard: HRC, IRC or STD</p> <p>Output Level Adjust: 25 - 45 dBmV in 1dBmV steps</p> <p>I/Q Amplitude Imbalance: < 1% typical</p>	<p>MER : > 38 dB typical</p>										
<p>Simple Setup</p> <p>Network Interface</p>	<p>10/100 Mb Ethernet via RJ45 connection IP address displayed on the front panel Set IP via DHCP (default) or static Browser-based interface for quick and easy configuration Easy firmware updates All settings are persistent Quickly obtain status, basic configurations, software revisions, and perform updates</p>											
<p>Front Panel Color Display</p>												