

Z-RF Encode 001 Product Specifications



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Product Description

The Z-RF Encode 001 is a cost-effective, single input, encoder/modulator that provides a QAM output making it ideal for any residential or commercial RF system in a variety of countries. The high-quality HD design allows for watching action packed movies and sports channels on any HDTV. The Z-RF Encode 001 Encoder/Modulator is a feature rich digital encoding platform that can be deployed in a variety of installations.

Key Features

- QAM 64/256
 - High Resolution up to 1080i/1080p
 - 3 VCN modes
 - GUI for easy setup and control
- EAS Functionality
 - HDMI, Component, Composite input
 - Supports Closed Captioning
 - MPEG-2 Output

Name	ZBT0090214
General	<p>Dimensions: 236mm x 145mm x 34mm</p> <p>Local Monitoring: LCD</p> <p>Operating Temperature: 0°C to +55°C</p> <p>Storage Temperature: -20°C to +70°C</p>
Video / Audio Encoding Profile	<p>Video Codecs: MPEG-2 VBR</p> <p>Bitrate (Adjustable): J.83 Annex B</p> <ul style="list-style-type: none"> HD: 12.0 to 24.0Mbps SD: 4.0 to 9.0Mbps <p>Resolution Output: Same as Input, accepting as follows:</p> <ul style="list-style-type: none"> 1080p30 / 1080p25 1080i60 / 1080i50 720p60 / 720p50 576p / 480p 576i / 480i <p>Audio Codecs: MPEG1 Layer II / MPEG4 AAC / AC-3</p> <p>Closed Captioning: EIA-608; 1x RCA (CC)</p>

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Video / Audio Input	HDMI: 1.4v, Embedded PCM Component / Composite: RCA x1, Analog 3.5mm EAS: RCAx1, Analog 3.5mm, 5-12 VDC & Dry Contact Closure (Terminal Strip)
Modulator STD	RF Mode: Normal / Inverted Channel Type: J.83B: STD / HRC / IRC Frequency Range (Under STD Mode): 177.000 MHz to 861.000 MHz (Channel 7 to Channel 135) Interleaver: I=128, J=1 Constellation (Output Bitrate, Max): 64-QAM (26.970Mbps) / 256-QAM (38.810Mbps) VCN: Auto (Major & Minor) / Manual (Major & Minor) / Manual (One Part)
Management / Control	Web GUI Supported: Firefox, Chrome Password Protected: GUI – User configurable
Power	Power Supply: 12VDC 1.5A Consumption: 5W