



**Robust, Reliable and Ruggedized** are terms that characterize Radiant's VL4415 series of live streaming encoders.

Radiant's expertise and market leadership has proven itself with thousands of systems deployed within the US. Radiant is known as the best in class service and product supplier.

Radiant offers a wide array of equipment solutions to satisfy the most demanding challenges for Live Event and Electronic News Gathering streaming applications.

The VL4415 encoders can deliver on standard definition video at low bitrates while maintaining low product and operational cost.

### Product Highlights

- SD MPEG2 encoder
- AC3 Audio Codec
- EIA 608 Closed Caption Support
- Low power consumption and heat dissipation, in a compact ruggedized form factor
- Continuous quality and feature upgrades via firmware releases without service plans
- 24/7 Support and 24 Hour RMA Process





## Codecs Specifications

### MPEG2

<b>PROFILE</b>	MPEG2 MP @ HL
<b>CHROMA</b>	4:2:0
<b>RESOLUTION</b>	720x480, 704x480 and 720x516
<b>FRAME RATE</b>	Up to 30fps
<b>ASPECT RATIO</b>	4:3 and 16:9
<b>PICTURE TYPE</b>	IP GOP, Adjustable I frame Interval
<b>VIDEO BITRATE</b>	CBR 1-7.5M
<b>AUDIO ENCODING</b>	DOLBY AC3 2.0
<b>AUDIO SAMPLING RATE</b>	48kHz
<b>AUDIO BIT RATE</b>	96-384KB

## Inputs and Outputs

<b>Video Input</b>	CVBS, 1Vp-p, 75 Ohm, BNC
<b>Audio Input</b>	10k Unbalanced Stereo, RCA
<b>TS Output</b>	ISO/IEC 13818 SPTS MPEG TS, RJ45 10/100

## Processing

De-Interlacing and Scaling, EIA608 Closed Captions, User defined PID tables

## Management Interfaces

Standalone web user interface, Console port

## Environmental and Power

<b>Power</b>	7W @ 90 to 240VAC (DC Power Brick)
<b>Dimensions</b>	Modular 6.0" W x 4.5"D x 1.75" H 1RU Rack mount 17.0" W x 13.0" D x 1.75" H
<b>Weight</b>	0.5lb
<b>Operational Temperature</b>	0° to 50° C
<b>Storage Temperature</b>	-20° to 75° C

## ORDERING INFORMATION

VL4415	Broadcast SD Encoder, Modular, MPEG-2, IP output
VL4415-U	Broadcast SD Encoder, 1RU , MPEG-2, IP output

