



VC-1 V-CHIP RATING ENCODER



The VC-1 enables broadcasters to insert program content data without the expense of a full captioning system.

- Generates and inserts content rating, call letters, and network affiliation data into the VBI of NTSC analog video, as per EIA-744-A
- Supports U.S. and Canadian Guideline systems
- Desktop remote panel (5" x 7") or 1RU remote panel, via RS485
- Preset function ensures error free rating change
- Visual display of both current and preset rating
- Pass-through function for pre-encoded programs
- Preset or pass-through may be taken via remote panel or GPIs
- Remote tally output confirms data insertion
- Automation control via RS232/422/485 communications port
- Windows software for PC control
- Failsafe bypass
- Up to three VC-1 encoder boards may be housed in a BVS 1RU frame

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VC-1 SPECIFICATIONS

Video input..... 1Vp-p, 75 ohm terminating
Video output..... 1Vp-p

Performance

Frequency response..... +/- 0.1 dB to 10 MHz
Diff. phase..... < 0.5 degrees
Diff. gain..... < 0.5%
Line tilt..... < 0.5%
Field tilt..... < 1.0%
S/N ratio..... > 65 dB
Path length..... 16 ns

Control

Desktop 5" x 7" slope front, or 1 RU rackmount.
RS485 (2-wire) between remote panel, chassis and optional PC/automation control **or** RS232/422/485 port for PC or automation control (user selectable).

Electrical

120/240 VAC, 50/60 Hz, 12 watts (3 boards)

Mechanical

Chassis..... height 1.75", width 19", depth 12", weight 9 lb. (with 3 boards)

Desktop Control Panel.....height 3" sloping to 1.25", width 7", depth 5",
weight 1.5 lb.

One RU Rackmount Control Panel.....height 1.75", width 19.5", depth 3",
weight 2 lb.