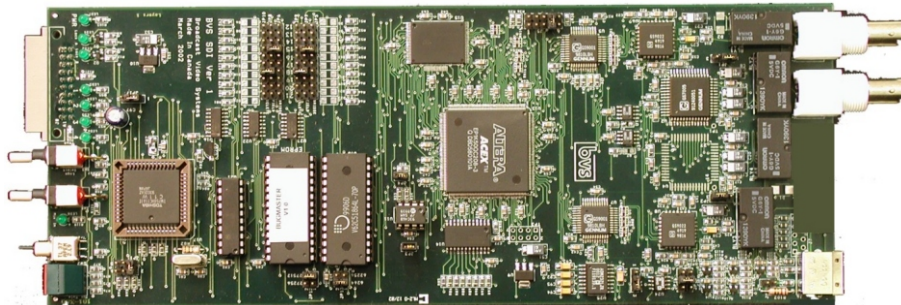




CCA-21 SDI CLOSED CAPTIONING ALARM



The CCA-21 constantly monitors SDI Program Video to ensure valid closed captioning

- Helps maintain compliance with FCC captioning regulations
- Alarms on loss of closed captioning data
- Alarms on frozen closed captioning data
- Adjustable alarm timeout
- GPO alarm output
- Occupies one of 3 slots in a BVS FR601, 1RU frame

SPECIFICATIONS

Video input	SMPTE 259M (ITU-R 601) 270 Mbs, 10 bit, SDI
Connector.....	BNC, 75 ohm
Level.....	800 mV, +/-10%
Return loss.....	> 15 dB, 5 MHz to 270 MHz
Auto input equalization.....	up to 160 meters (500 ft.) Belden 8281
Line standard.....	525
GPO.....	open collector, 100 mA
Video output.....	800 mV, 10 bit SDI, 75 ohm BNC
Operating temperature.....	0-45 degrees C
Electrical.....	120/240 VAC, 50/60 Hz, 5 watts (FR601 frame & 1 PC board)
Board dimensions.....	4" x 10.5"
Mechanical.....	FR601 Mounting Frame, 1RU (1.75" x 19" x 12"), houses any 3 SDI boards

broadcast video systems corp.

10 Woltner Way, Markham, Ontario L3R 4R4
Ph(905)305-0565 Fax(416)946-1964 E-mail: bvs@bvs.ca Website: www.bvs.ca



FR601 FAMILY OF SDI BOARDS



The FR601 family includes a variety of innovative and cost effective SDI products, all designed as single, plug-in boards. Up to three of these boards may be housed in the FR601, 1RU frame and power supply (optional redundant p.s. available).

CARDKEY 2: Linear keyer with adjustable transparency, card edge control plus GPI, or optional remote panel.

MASTERKEY CK-2: Chroma keyer with adjustable hue and key level, for blue and green screen backgrounds.

DFB200: Frame accurate fade to black with GPI.

VBI-232D: Encoder/decoder for transmission of remote control data in the Vertical Ancillary Space.

DCB-21: Closed Captioning positioner/bridge prevents previously encoded captions from blocking local road/weather warnings and EAS crawls. Also bridges CC data around 'unfriendly' processing equipment.

CCA-21: Closed Captioning alarm, constantly monitors SDI program video to ensure valid closed captioning.

DSC300: Signal comparator and alarm, to compare two SDI streams and trigger GPO's on any difference or impairment of video or embedded audio.

DMA200: Frame accurate A/B mix amp with GPI.

CC-101D: Closed Captioning encoder encodes CC data on line 21 of an SDI signal.

VC-1D: V-Chip rating encoder generates & inserts program rating data onto line 21 of an SDI signal.

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