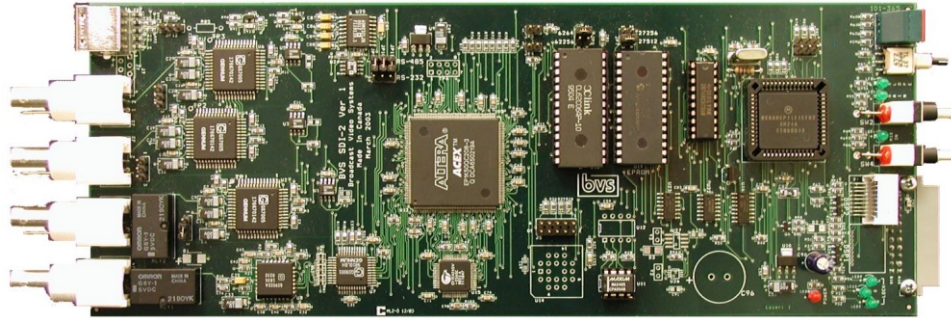


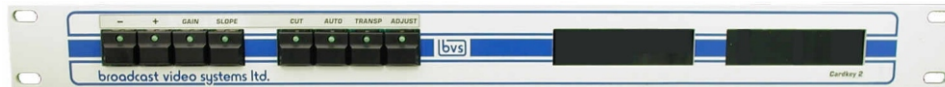


CARDKEY 2



LINEAR SDI KEYSER ON A SINGLE BOARD

- 100% linear keying with adjustable transparency
- 525/625 line operation (NTSC/PAL), automatically selected
- Front card edge controls for transparency adjust and mix to key rate
- Card edge numeric readout of transparency settings with non-volatile memory
- Remote key on/off pushbutton included
- Alternate or latching GPI for key on/off with tally output
- Frame accurate key dissolve (0 to 100 frames)
- Failsafe bypass
- Handles embedded audio
- EDH insertion on program output
- RS232/485 communications port
- Occupies one of 3 slots in a BVS FR601, 1RU frame
- Optional rack mount or desktop remote panel



SPECIFICATIONS

Video input (pgm, key, fill).....	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.....	525/625, auto select
Processing.....	12 bit
Video output.....	800 mV, 10 bit SDI, 75 ohm BNC
GPI's.....	momentary or latching, pull to ground
Electrical.....	120/240 VAC, 50/60 Hz, 5 watts (FR601 frame & 1 PC board)
Board dimensions.....	4" x 10.5"
Mechanical.....	1 Rack Unit (1.75" x 19" x 12"), houses any 3 SDI boards
Optional remote.....	1RU or 5"x7" slope front desktop

broadcast video systems corp.

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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.

DSA-100: Graticule generator to ensure proper coverage of all aspect ratios.

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