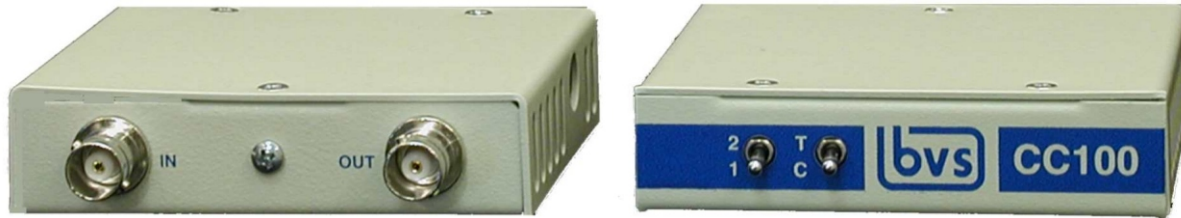




CC100 CLOSED CAPTIONING DECODER



The economical CC100 is the perfect tool to ensure that valid closed captioning is present in baseband composite video.

- Decodes line 21 data and inserts closed captioning text into baseband video
- Small enough to hang behind picture monitor
- 30 second installation (video in - video+text out)
- Switchable between language 1 and language 2
- Captions may be turned on and off from front panel
- On board DC regulator
- 9VDC adapter supplied
- Six decoders may be mounted in the BVS FR715, 1RU frame
- Optional GPI disable to turn captioning on/off from a remote location (consists of a BNC connector located between in and out connectors, customer supplies cable & toggle switch)
- S-Video version available (CC100S)

On board jumpers enable the CC100 to produce either a semi-transparent window behind the text, or a completely black window. The semi-transparent mode is normally used in television control room monitoring where the purpose is to verify correct captioning without undue distraction. The black window mode produces greater contrast between the background window and the text, to allow easier reading by hearing impaired viewers. Specify preferred mode when ordering so decoder is ready to install.

SPECIFICATIONS

Video Input.....	1 Vp-p, 75 ohms terminating
Video Output.....	1 Vp-p into 75 ohms
Frequency Response.....	< +/- 0.1 dB to 20 MHz
Diff. Phase (10-90% APL).....	< 0.1 degree
Diff. Gain (10-90% APL).....	< 0.1%
Line Rate Tilt.....	< 0.25%
Field Rate Tilt.....	< 1%
Random RMS Noise.....	56 dB
Hum.....	> 60 dB
Input Return Loss.....	47 dB
Insertion Delay.....	6 ns
Operating Temperature.....	0-45 degrees C
Electrical.....	9V DC/120ma (adapter supplied)
Mechanical.....	enclosed steel case, 3.3" x 3" x 0.8"



Front panel
 Rear panels:
 Composite video
 Composite video with GPI
 S-Video
 S-Video with GPI

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