



## BB101 VIDEO CRAWL GENERATOR WITH AUDIO AND A/B SWITCHING



The ultimate message generator for cable systems, distributed video systems, corporate, institution, nursing homes, college, public school and government channels, retirement communities, shipboard video systems, and digital signage networks

- Ethernet web server interface
- Solid or transparent backdrop under text
- Single or dual crawl lines - ideal for bilingual messages
- Crawls can include warning sounds or voice together with text
- Static logo (branding bug)
- A/B switching can bring up another or alternate video source
- Logo insertion in the crawl line
- NTSC analog video in and out – 10 bit 4:2:2 processing
- Single-channel units can be daisy-chain controlled for multi-channel use



# THE ULTIMATE CRAWL AND MESSAGE GENERATOR AT A PRICE ANY STATION OR DISTRIBUTION NETWORK CAN AFFORD

## Embedded web server

- Users access the system to publish messages from any computer on the network. (Password protected. Works with standard web browsers.)
- In multi-unit systems, only one Ethernet connection is needed. Firmware is upgradeable through the Ethernet connection as well.

## Video text and graphic crawl



- The crawl can have a transparent background for a professional look.
- Insert a logo in the crawl line or use the system to position a fixed logo bug.
- Multiple message files can be preloaded and programmed to play back at preset intervals or triggered to play immediately.

- Designed to be installed at an NTSC video head end, the BB101 will allow you to superimpose a text crawl over video for community information or other types of messages without interrupting a video program.

## Audio warning tones or voiceovers

- Audio capacity allows you to accompany the video with a sound file of a warning tone or recorded voice. The system lowers the program sound level when the inserted sound is playing.
- Audio monitor function, with headphone jack, allows you to balance the sound file level with the program audio before going live.

## A/B switch with fade

- A built-in A/B switch can be triggered via computer or GPI contact closure (general-purpose input). The "B" or auxiliary input has a looping output jack so that multiple units can be connected to the same video source.
- Program the GPI to trigger any important announcement with the touch of a button—for example a severe storm warning stored in a text buffer.
- Fade function can fade to black or fade from A to B input.
- Switch to a full-screen bitmap for announcements or technical difficulties.
- The system can detect loss of sync and can be programmed, on sync loss, to switch to the B input, the pre-stored bitmap, or close a GPO contact (general purpose output) to activate another device.



BB101 front and back  
(shown with DialAlert option)

Built in a rugged aluminum case, an optional 19" rack mount will hold three units.

## Connections

- Program video ("A" input and output) uses F connectors to match the standard connectors on cable modulators for easy installation.
- Mono in and out (RCA connectors) for program audio ("A" input and output). Program audio also has balanced stereo input and output on a terminal strip.
- Aux video ("B" input and output), uses BNC connectors.
- Balanced stereo on a terminal strip for "B" channel audio.
- Control connection to a computer or network via an Ethernet jack.
- Can be connected to cable modulators, IP video encoders, MPEG encoders and fiber drivers.
- Optional telephone interface via an RJ11 telephone jack
- Relay bypass for automatic power failure protection

## Accessories



- Optional 1RU rack mount can accommodate up to three units.
- Optional telephone dial-in control with DialAlert® software allows text file triggering

## Dimensions

5-1/2" W x 1-5/8" H x 10" D (14 x 4.1 x 25.3 cm)  
Weight: 1.6 lbs (.73 kg)

Made in the U.S.A.



Xilar Corp., 2160 S. M15 Highway, Ortonville, MI 48462  
248-613-5522 www.versimation.com