



APPLICATIONS

- System testing
- Monitor calibration
- Cable testing
- Flat panel testing
- Video source for transmission systems
- Quick, reliable video source for troubleshooting
- Embedded test source for video systems
- Video source for avionics equipment

FEATURES

- Digital Signal Processing (DSP) assures accurate and repeatable performance
- Full Field (8 bar) and SMPTE bar styles available
- Simultaneous composite and S-Video outputs (310 Series)
- Units are available with RGB outputs (410 series)
- YUV and YPbPr outputs available as special order
- NTSC or PAL compatible (jumper selectable)
- Multi stage anti-aliasing filters
- Small size - fits in pocket
- Rack mount option available
- Can operate from +5VDC for mobile applications
- Available as a board level product

FULL FIELD or SMPTE BARS: The CBG310 series is available in two types, a low cost version which produces full field bars and another that provides SMPTE bars.

DIGITALLY GENERATED QUALITY: The bars are 8 bit, digitally generated with 2x over sampling for predictable and repeatable performance.

S-VIDEO, COMPOSITE OR RGB: The CBG310 provides simultaneous composite video and S-Video signals. The CBG410 provides RGB with sync on all colors.

NTSC & PAL OPERATION: All units support both the NTSC and PAL video standards which can be selected by an internal push-on jumper.

EASY TO USE: Plug in the power supply and video. Accurate color bars are produced immediately after power up.

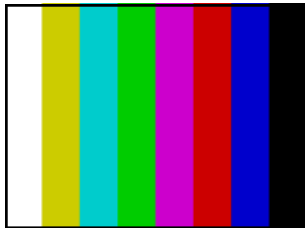
BOARD LEVEL PRODUCTS:

MicroImage Video Systems offers many of its products, such as the CBG310 series, as board level for OEM applications. Many options are available.



CUSTOM PRODUCTS: We can create units with customer requested features and custom board designs.

MORE INFORMATION? Additional product information, specifications, user manuals and application notes are available on our website, including the latest available features.



FULL FIELD COLOR BARS



SMPTE COLOR BARS

STANDARD PRODUCTS

- | | |
|---------|------------------------------------|
| CBG310F | Full Field Bars for comp & S-Video |
| CBG310S | SMPTE Bars for comp & S-Video |
| CBG410F | Full Field Bars for NTSC RGB only |
| CBG410S | SMPTE Bars for NTSC RGB only |

BOARD LEVEL PRODUCTS

- | | |
|---------------|----------------------------------------------------------------------------------|
| BL-CBG310F-01 | Full Field Bars for comp & S-Video
Standard BNC, Mini-DIN & 3.5mm power conn. |
| BL-CBG310F-02 | Full Field Bars for comp & S-Video
Header connector for video and power |
| BL-CBG310S-01 | SMPTE Bars for comp & S-Video
Standard BNC, Mini-DIN & 3.5mm power conn. |
| BL-CBG310S-02 | SMPTE Bars for comp & S-Video
Header connector for video and power |
| BL-CBG410F-01 | Full Field Bars for RGB
Standard BNC, Mini-DIN & 3.5mm power conn. |
| BL-CBG410F-02 | Full Field Bars for RGB
Header connector for video and power |
| BL-CBG410S-01 | SMPTE Bars for RGB
Standard BNC, Mini-DIN & 3.5mm power conn. |
| BL-CBG410S-02 | SMPTE Bars for RGB
Header connector for video and power |



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Prices and specifications are subject to change without notice

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info@mivs.com
Phone 610-754-6800
Fax 610-754-9766
PO Box 331 Boyertown, PA 19512