

VGA/Sync-On-Green Video to Composite Video Scan Converter Module



Features

- VGA or Sync-On-Green (SOG) video to composite video scan converter
- Automatically detects resolution of input VGA signal
- Multiple video input formats:
 - 640x480 and 800x600 resolution, up to 85 Hz
 - 1024x768 resolution, up to 60 Hz
- NTSC composite video output
- PAL composite video output
- S-Video output
- RGB video output
- YUV video output
- Auxiliary VGA video output
- Digital inputs for user control over such functions as position, zoom, freeze, filter mode etc

Applications

- Flight Test Instrumentation
- Wideband Testing, Structural Analysis
- Physical Research and Experimentation

Description

The MRGB-201-4 video scan converter module is for use in TTC's MEDAU/MCDAU/MWDAU-2000 products. It accepts PC style, VGA video or Sync-On-Green (SOG) video input signals and provides NTSC or PAL composite video output signals. In addition, it also provides buffered S-Video and buffered analog video output signals. Alternative to composite and S-Video outputs, the MRGB-201-4 may be jumper-configured to provide RGB or YUV video output signals. The MRGB-201-4 automatically detects the resolution of the input video signal and converts it into a sharp & clear TV image with no information lost. Also provided are digital inputs that allow user control over such functions as position, zoom, freeze, filter mode etc. Front panel connector strapping is used to select between VGA and SOG input video signals. The MRGB-201-4 receives power from the +5Vdc rail of the MEDAU/MCDAU/MWDAU-2000 stack. All video inputs, outputs and control signals are via front panel connectors only.

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