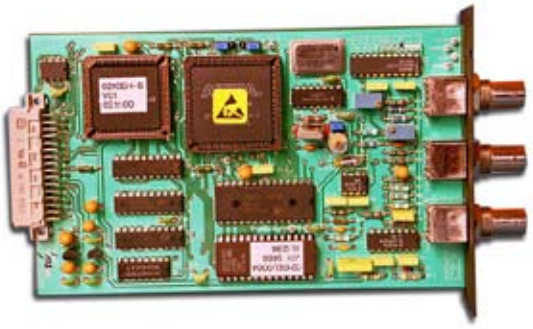
Video Insertion Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The Video Insertion Module provides a video output of time and date information.



Features

- Time & Date in Video Signal Output
- Selection of video information formats
- Selection of video attributes

Applications

- The video output of time and date information is suitable for superimposition on a video signal.
- The resulting combined video signal therefore permanently includes time information making it suitable for recording of key events.
- Using this module, video with accurate time and date stamps is provided for future reference.

Video Insertion Module Specifications

Module Connections

A through video connection is provided via two 75Ω BNC sockets.

Video Input Level

A standard Video Signal Input is provided for sync extraction. The Video Input level is 0.5V to 2V peak to peak.

Video Outut Level

The module provides a video output of nominally IV peak to peak (including sync) into a 75Ω load.

Video Information Format

The following video data is selectable by means of the front panel menu structure:

- Time (hours, minutes, seconds, subseconds)
- Time (hours, minutes, seconds)
- Time (hours and minutes only)
- Date (day of month, month, year)
- Day of week
- Time and Date together
- Time, Day of week and Date together
- Day of week and Date together

Video Attributes

The following video attributes are selectable using the front panel menu structure:

- Black characters on a white background
- White characters on a black background
- Character size
- Character position on screen

Environment (Operation & Storage)

Temperature : 0°C to +40°C

Humidity : Up to 95% RH (non-condensing)

EMC : CE Compliant

Ordering Information

Please quote part number when ordering:
0210DR00X

V 1.0

TIME & FREQUENCY SOLUTIONS LTD

25 Eastways, Witham, Essex, CM8 3AL UK | Tel: +44 (0) 1376 514114 | Fax: +44 (0) 1376 516116

E-mail: sales@timefreq.com | Web: www.timefreq.com