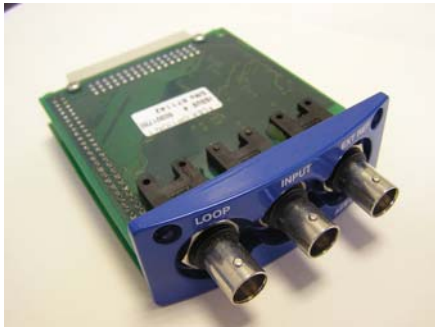


SD/CST Waveform, Vector & Audio Monitoring



The FlexiScope Module Opt 02 allows the display of SD SDI and CST video and audio signals on the 9000 series of Hamlet instruments.

The SD/CST serial input connection is made to the centre silver plated BNC socket, which is internally terminated at 75 ohms. The left BNC provides an equalised output of the input feed and the right BNC allows an external timing reference or AES audio signal to be input.

Simple to exchange modules in the FlexiScope, MicroFlex, MonitorScope 9000 and DigiScope 9000, just remove 2 screws and pull the module out of the main frame, insert new module tighten the 2 screws and you are now ready for a new set of inputs.

Television standards supported by this module:

Serial Digital video

SD 525 is 525

SD 625 is 625

Composite video

PAL

NTSC

A Hamlet “Made to Measure product”

Features and Functions

- Input BNC.
- SD SDI Loop Out BNC.
- Ext Ref. / AES input BNC.
- Auto sensing of SD and CST formats.
- Audio decode.

Instruments that can use this Module

- FlexiScope. (Handheld)
- MicroFlex. (Handheld)
- MS9000. (Stand alone with screen)
- DS9000. (1RU Rasterizer)

See the Instruments separate datasheet for full information

TECHNICAL SPECIFICATION

SD digital/CST input. BNC connector. Input impedance 75 ohms. Max d.c. +/- 10V. SMPTE 259M serial digital at 800mV p/p. Auto equalised up to 350 metres of cable at 270mb/s. PAL or NTSC composite video 0.5 to 2.0V p/p.

SDI output. BNC connector. Output impedance 75 ohms. Equalised version of the serial digital input.

Ext-ref / AES input. BNC connector. Input impedance 75 ohms. Max dc +/- 3 volts. Video 0.5 to 2.0V p/p. Digital Audio min 150mV p/p, max 3V p/p conforming to S/PDIF, AES3, IEC60958 or EIAJ CP1201.

POWER

Supplied from the Mainframe Instrument.

ENVIRONMENT

Indoor use, 5 to 45 deg.C. Ambient to 2,000m.

Max humidity 80% to 31 deg.C decreasing to 50% at 40 deg.C.

Overvoltage category 2. Pollution degree 1.

WARRANTY: - 1 Year.

Extendable free on registration: - To 2 Years

By using the service area of our web site

<http://www.hamlet.co.uk/serv.html>

ORDERING INFORMATION

FlexiScope Module Opt 02

These modules are available as options to the Monitor Scope 9000, DigiScope 9000, FlexiScope and MicroFlex range of instruments.

OPTIONS

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Hamlet products are Manufactured to ISO9001.2000 and ISO14001 specification.
Our most up to date information is available on our web site.

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