

# Microvideo

## VITS Generator for Serial Digital Video

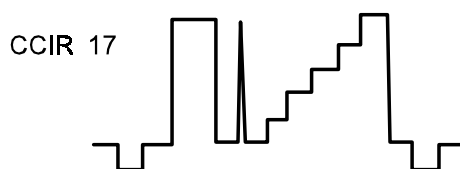
### Features -

- Serial Digital Video (270Mb/s)
- Four Test Patterns
- Transparent insertion
- CCIR or UK patterns

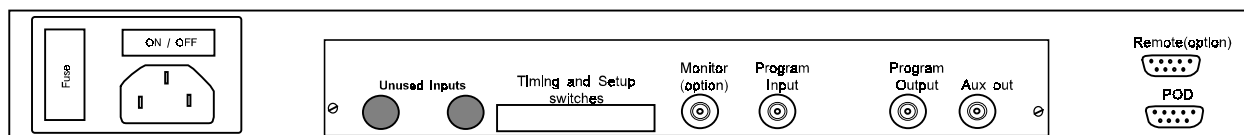
This unit allows the insertion of Vertical Interval Test Signals into Serial digital video ( D1 ).They can be inserted into 625 and 525 line standards . The Test Signals are stored in EPROMS within the unit. The EPROMS can hold four different line types.

The data path through the unit is 10 bit, and transparent for the Digital Video input. Vertical blanking controls allow the unused lines to be blanked, or transparent.

The VITS Inserter is available as a standalone product, housed in a 1U rack mounting frame, or as an option on other inserters from the Microvideo range.



- Video Input** Serial Digital Video (270Mb/s) to EBU Tech 3267-E and SMPTE 259M
- Video Output** 2 x Serial Digital Video (270Mb/s) to EBU Tech 3267-E and SMPTE 259M with inserted VITS. Main (Program) output has power fail bypass
- Test Signals** Four different ITS are stored in an EPROM, sampled as 10 bits to CCIR601 spec.  
ITS Patterns available - EPROM 1 CCIR17, CCIR 18, CCIR330, CCIR331  
EPROM 2 UK1, UK2, Ramp, Markers  
Custom patterns can be stored in the EPROM if requested.
- Physical** The Inserter unit is in a 1U case, 400mm deep.



- Ordering Information**
- |         |   |
|---------|---|
| INS-ITS | VITS inserter for Digital Video in 1U frame |
| options |   |
| -MON    | Analogue PAL/NTSC monitoring output         |

Microvideo also offer data inserters for Teletext, Closed Captions, VITC, and other such ancillary data services.

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Data sheet ref - vits-04.dtp