

# Microvideo

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## Digital Cue Dot Generator



The Microvideo Cue Generator will generate and insert a visible cue dot into a video picture. The unit operates entirely in the digital domain, with Component Serial (270Mb/s) input and output.

Two styles of cue dot may be generated. One is the BBC style which is on the left hand side and the other is the IBA style which is on the right and has moving stripes.

A basic version of the Cue Dot Generator type F has the positions and sizes of the dot set in firmware and is programmed during manufacture. However as there are some flexibility in the specifications, the type V Cue Dot Generator allows variations in the size and position for the IBA style and vertical / horizontal position adjustment for the BBC style. This is done through front panel controls with the ability to store a number of different set ups in nonvolatile memory.

The Cue dot is selected and turned on and off through GPI control or through optional RS232/RS422 control.

### Features

- IBA Cue Dot Positioned on right hand side with moving black and white stripes.
- BBC Cue Dot On left hand side consisting of static stripes of white, black, white.
- GPI Control with tally output.
- Optional RS232 or RS422 remote control and status output.
- Transparent to digital audio and other data in the ancillary data space.
- Power fail by-pass.
- 625/525 operation.

### Inputs:

Serial Component Digital Video (270Mb/s).

### Outputs:

Serial Component Digital Video (270Mb/s) on Program and Auxiliary outputs. In the event of power failure to the unit a passive by-pass feature connects the input to the main Program output.

### Physical:

1U rack mounting unit, 420mm deep. 240/220V or 110V operation selected by internal link.

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