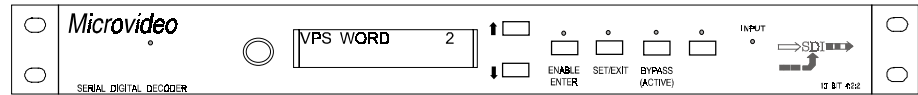


## Serial Digital VPS Decoder

- Line 16 or 339
- GPI outputs
- LCD Display
- RS232 / 422



VPS signalling is used in Germany and Austria to transmit information about the program. The information includes video source, station ident, VTR control and audio status. It is usually transmitted on line 16 as 15 words. The VPS-DEC decodes the signal from a serial digital video source. The information is in words 2 to 15. The contents of any word may be displayed on the front panel LCD display and also output to GPI pins. Any changes are output on the RS232/422 serial port and may also be logged internally with a real time clock.

Any VPS word may be used for general purpose control within a studio. Although lines 16 and 329 are generally used the signal may also be decoded from any VBI line. Line 16 may be blanked on the output.

|                         |   |
|-------------------------|---|
| <b>Video Input</b>      | SDV(270Mb/s) as per SMPTE259M.  |
| <b>Video Output</b>     | 2 x SDV(270Mb/s) reclocked outputs - exact copy of input (PGM & AUX)..<br>Relay connects SDV input to PGM output on power fail.   |
| <b>Data Interface</b>   | Value of selected word is displayed on an LCD and output on 8 GPIs.<br>The GPIs are TTL level outputs, active low, on 9 way D type.<br>RS232 and RS422 interfaces. Protocol is defined by Microvideo. |
| <b>Physical</b>         | The product is supplied in 1U rack mounting frame with integral PSU.  |
| <b>Product Code</b>     | VPS-DEC      1U rack mounting unit with GPI and RS232/422 interface.  |
| <b>Related Products</b> | INS-VPS      Serial Digital VPS generator and inserter.<br>INS-VPS-CSI    VPS control data generator.   |