

# VSI-Pro

**AVE's Video Serial Interfaces Make the Connection Between:**

- **Cash Registers POS/EPOS • Computers • Printers • POS Systems • ATMs • Barcode Readers • Radar Guns • Scales • GPS Systems • Access Control Panels • Most Any RS-232 devices .....**

The VSI-PRO will overlay the received Data onto the Video picture allowing it to be recorded. In the case of Cash Register and POS systems, it will record the transaction detail on the DVR allowing easy retrieval of Suspicious Activity

- All Features of the VSI+ Ver.11
- Time & Date On-screen Locks to Most Register's Time & Date
- Programmable Time & Date On/Off
- Time/Date Stamp on Exception Output
- 32K Battery Backed SRAM
- Improved Buffer for new, faster registers
- Exception buffering and Downloading/Printing
- Transaction history Buffer- 100 Lines Minimum
- Two Alarm Outputs Standard



**The VSI-PRO**

The New VSI-Pro preserves all the powerful features of our VSI+ Version 11, while providing the ability to add the Time & Date to the video recordings of register transactions; no more need to add another product just to see when an event occurred! The VSI-PRO's Time & Date feature will automatically synchronize with the Time & Date of most cash registers. This yields a court legal time matching between register tape print-out and the video recording system. Plus, if or when it isn't needed, the Time/Date feature can easily be turned off in the VSI-Pro's programming menu. Added to this feature is the Time/Date Stamp for exception output, so that the Time & Date will be printed on every transaction sent to an exception printer.

The non-volatile battery backed 32K Static Ram (SRAM) allows for increased buffering for new high speed registers and networks. With the new transaction history buffer the user can review a minimum of 100 lines of transaction history stored in the VSI-PRO.

For added value the VSI-PRO comes with 2 Alarm Outputs as standard equipment; no need to add the EX-Option! And improved video circuitry eases cascading with other video devices, either terminated or un-terminated. Last but not least, for the VSI-PRO, full screen positioning of the smallest font size is now available in the programming menu- no need to change internal jumper settings.



The picture on the right clearly shows that the staff member fraudulently scanning the confectionery barcode so the bottle of whiskey that goes over the counter is uncharged, this is easily picked up by the VSI-PRO as indicated by the text on screen.



The picture on the right shows without doubt that not all items passed over the counter were entered into the cash register. Shown are just two examples of how the VSI-PRO will dramatically cut theft and fraud at the point of sale.

## VSI Specifications

Video in (BNC)	.....1v P-P Terminated
Video out(BNC)	.....1v P-P Terminated .....2v P-P Unterminated
Power (DC Coax)	.....9-12vDC .....170 mA
Serial Port (DB9 Female)	.....RS-232C
Communications	.....Programmable
Baud Rates	.....150,300,600,1200,2400,4800,9600,19.200,28.800
Exception Memory / History	.....VSI Pro
2 Hard alarm outputs	.....VSI Pro
Printer output with T/D	.....VSI Pro
Multi-register type support	.....VSI Pro
Screen update delay	.....(.5 secs) on / off
Factory set 1 stop bit	.....On
RTS / CTS Handshaking	.....Optional
Power Rating	.....12vDC @ 250mA .....UL and CSA Rated with cord & plug
Battery backup (SRAM only)	.....24h. after 24h. charge
Video S/N	.....Better than 50dB
Video B/W	.....Better than 7Mhz
Positioning of text	.....Anywhere on screen .....Character grey scale (8 levels) .....Matte character border grey (programmable) .....Auto scrolling from last line .....Auto line wrapping .....Data Buffer (256K) .....Full control command set Ver. 13.49



**VSI-PRO Rear Panel Connections**