

VSI-Pro Max

AVE

AMERICAN VIDEO EQUIPMENT



The VSI-Pro Max is the latest in the America Video Equipment cash register interface line. This new version has a few notable enhancements such as power indication lights, diagnostic lights, and VSI-Pro network port which allows this unit to work with many different DVR brands. The VSI-Pro Max is compatible with more registers, access control systems, and scales than ever before.

Features

- User Selectable Full Duplex Bidirectional POS/ Cash Register Communications
 - RS-232C Optically Isolated
 - RS-485 Full Duplex, RS-422 Half Duplex
 - Passive Tap (Hi-Z)
- RS-232C or RS-485 output of all data or exceptions to printers, computers, modems, and DVRs
- Dual RJ45 connectors for easy networking with standard CAT5 cabling
- Built in Hydra, Regcom, Networker, and Vnetworker hardware and protocol
- Diagnostic LEDs for Power, POS communication, and Network communication
- Video and Power input surge and lightning suppression with external grounding lug
- Video low and lost LED indication and alarming function
- 40 Mhz processing with 128K program and 128K SRAM memory for high performance processing
- Programmable Time-stamp and trigger text on-screen and exception output
- Time/ Date searching with compatible DVR
- Universal Time/ Date format, Automatic daylight savings adjustment and register T/D locking
- 16 Triggered text associated with 16 virtual alarms
- Large data buffers for input/output to accommodate newer and faster registers
- Powerful data filtering algorithms like truncating, scroll matching, space filtering, duplicate line filtering
- On-screen flagging or exceptions with asterisk or reverse text
- Built-in test and diagnostic modes
- Upload/ Download and programming to a PC or another VSI-Pro Max

VSI-Pro Max Specifications



Video In (BNC)	.5VP-P to 2VP-P AGC Term. 75 ohms		
Video Out (BNC)	1V P-P Terminated or Unterminated can drive two 75ohm loads		
Video S/N	Better than 50dB		
Video B/W	Better than 7MHz		
Power (DC Coax 2.1mmx5.5mm)	9-12VDC 170mA, 18V MOV Surge Suppression		
Battery Backup NiMH	1 year with 24 hour charge		
Register Serial Port Bidirectional (DB9 Female)	RS-232 Opto RXD - Pin 2 TXD - Pin 3 GND - Pin 5	RS-485 / RS-422 A - Pin 4 B - Pin 6 GND - Pin 5	Passive Hi-Z RXD - Pin 2 TXD - Pin 3 GND - Pin 5
Baud Rate	AUTO, 135, 150, 300, 600, 1200, 2400, 4800, 9600, 19.2K, 28.8K, 38.4K, 57.6K, 115.2K		
Word Length	7 or 8		
Parity	ODD, EVEN, NONE		
Stop Bits	1		
RTS / CTS Handshaking	ON or OFF (3.3K Pull Up Jumper selectable)		
DTR / DSR	3.3K Pull Up (3.3K Pull Up Jumper selectable)		
Data Buffer	128K Bytes		
Data/ Network Port (RJ45 x2 in parallel)	RS-232 or RS-485 TXD only or RS-485 Bidirectional (Jumper 4 & 11)		
Alarm Outputs Pin 1 & 9	Open Collector 12DVC @20mA (Jumpers 18 & 6)		
Alarm Input Pin 7 (RTS)	Closure to ground, 12 VDC Max		
Real Time Clock	12 or 24 Hr with auto Daylight savings time programmable		
Date Format	MM/DD/YY, DD/MM/YY, YY/MM/DD Julian Calendar		
Line Width	40		
Number of Lines	1-11		
Character Gray Scale	8 levels of Gray		
Screen Update Delay .5s Auto Scrolling from last line	ON or OFF		
Line Processing	Compress, Truncate, Space Compress, Left Justify, Scroll Matching		
DVR Support	MVDR2000, MVDR3000, MVDR4000, MVDR5000, DR16X, VSIADD Compatible		
Local / Remote Programming via PC Software	Via RS232 Port		
Temperture Rating	0-50 degrees Celsius, 32 - 122 degrees Fahrenheit		
Humidity	Non-Condensing 85% RH		
Weight	0.68Kg or 1.5lbs		
Maximum Size with Connectors	145L x 127W x 43H (mm) , 5.7L x 5W x 1.7H (in)		
Packed in White Box with Manual	1.02Kg or 2.26lbs		