VSI-Pro-Max-8

POS / EPOS Fraud Detection

AVE ⊙

AMERICAN VIDEO EQUIPMENT

CCTV IMAGE

CCTV IMAGE & VSI PRO IMAGE

Soda	1.00
Subtotal	1.00
Cash	10.00
Change	9.00
10/07/10	21:57
Till 0005	123456

The picture above shows, without a doubt, that not all items passed over the counter were entered into the cash register.

HOW WOULD YOU KNOW WITHOUT THE VSI-PRO

New 8 Channel
Ideal for multi-register installations

The VSI-Pro-Max-8 is the latest in the evolution of the popular VSI line of POS / Cash Register Interfaces from AVE. The VSI-Pro-Max-8, can now support up to 8 registers in one unit, additional VSI-Pro-Max-8 or single VSI-Pro-Max's can be looped using RJ45 connections, also as per the VSI-PRO-MAX it comes with larger memory space to hold ALL the AVE Interfaces in one unit with full remote PC or DVR programming for selection and setups and onsite firmware updating. New video processing circuitry allows use with new WDR cameras and low video of commonly used UTP adapters. Built in RS-232, RS-485, Passive and the new Opto-Isolated selection, gives complete isolation from the POS/Cash Register from the video system. Internal 40 Mhz operation allows for combining the Networking functions of the Hydra, Regcom, Networker or Vnetworker within one convenient unit with looping RJ45's for a seem less solution for multiple till configuration.

The VSI-Pro-Max range now supports programming of all units via one unit, so ideal for covert or difficult to reach installations.

The VSI-Pro range translates data from transactions at the cash register and overlays this information as text onto the video images from the CCTV system. This information is permanently embedded onto the images, and therefore cannot be tampered with. The combination of cash register data and CCTV images makes it easy to identify suspicious transactions such as the one on the left.

A quick review of the footage shows that this kind of transaction is easily discovered. Without the VSI-Pro range this transaction would have gone undetected as neither a review of the CCTV footage or the till receipts alone would anyone have identified this.

Proven to dramatically reduce theft at point of sale.

VSI-Pro
Epos Fraud Detection

AVE ◉
AMERICAN VIDEO EQUIPMENT

Cameras

Cash Registers

Till data is translated and embedded onto CCTV images, and sent to the DVR

CCTV images with till data embedded can be searched and reviewed

Advanced Functions

Hardware data overlay (the data is added to the videoimage and cannot be removed)

Built in support for over 400 different cash register and other devices.

Built in history of suspect transactions such as 'Voids',

'No sales', 'Returns', and 'Sweet-Hearting'. .

Built in programmable hardware alarms control of external devices.

Works with any recording device.

Real time Filtering and Export to external devices such as a DVR

Networkable via AVE network.

Set-up done by simple on-screen menus..

Easy set up (60% of set ups are plug and play).

Large dealer network.

Largest range of supported devices of any POS / cash register interface.

Alarms for suspect transactions.

Ongoing development for new devices.

Bespoke development for (registers/devices) or features not currently available.

Ideal for multi-register installations

An additional Serial Port has been added to allow the VSI-Pro Max to have bi-directional communication with any till emulating common printers, pole displays or customer displays. This additional port can then send the data to the Hydra/Regcom Network or send RS-232 or RS-485 directly to a serial port on the DVR. Optically Isolated RS-232 input selectable has been added to break the ground loop between the POS / Cash Register and the video system. This completely separates the POS / Cash Register system from the video system eliminating till or communication problems or video noise.

Networking

With the built in Hydra, Regcom, Networker or Vnetworker functions, the VSI-Pro Max can be a complete POS / Cash Register interface plus be configured as a Master (Hydra) or Slave (Regcom) device for up to 16 tills. Therefore eliminating the use of the stand alone Hydra, Regcom, Networker or Vnetworker units. Just loop the RS-485 network from one VSI-Pro Max to the next. All VSI-Pro Max will then be configured as Regcom and the last in the loop will be configured as a Hydra and connect to the DVR. Diagnostic LEDs indicate the network active and data from the till is being received to confirm instalation wiring. The VSI- Pro Max is programmable for many 3rd party DVR protocol for receiving data from POS / Cash Registers with all the current supported Hydra drivers. Programmability for backward compatibility for all AVE network configurations for Hydra/Regcom, Networker and Vnetworker.

Video

Video AGC circuitry has been added to compensate for the new low light WDR cameras and UTP twisted pair adapters that reduce the video level below the standard 1V P-P. Therefore the VSI-Pro Max will deliver a constant video level to the DVR in all conditions maintaining stable text display. Video Surge Suppression has been added along with an isolated earth lug to prevent lightning surges as well.