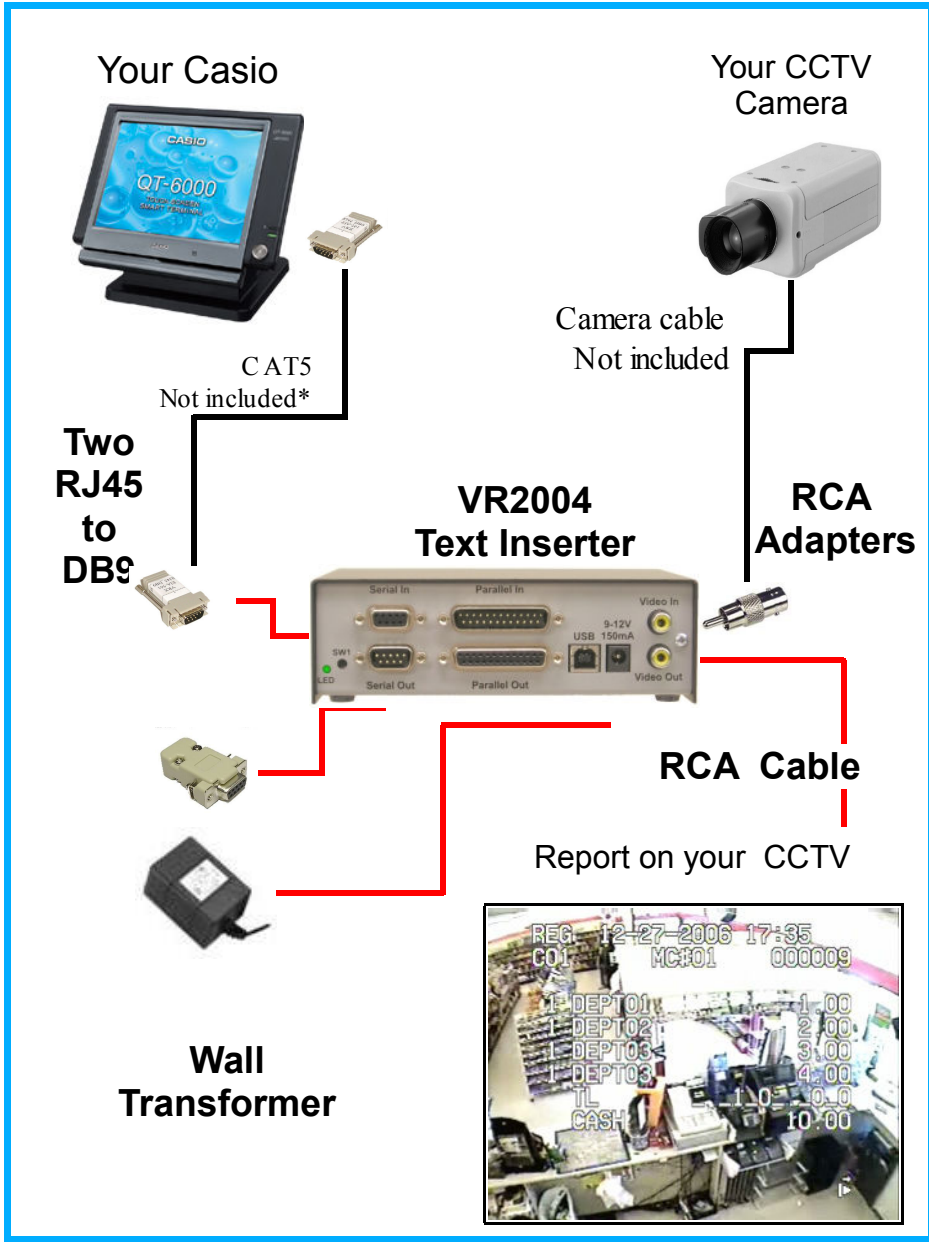


# VRX Company Inc.

## KIT\_VR2004\_CASIO Interconnection Diagram



### Kit Includes:

- Text Inserter
- Wall Transformer
- Two RJ45 to DB9
- Handshake Adapter
- BNCF\_RCAM
- BNCM\_RCAF
- RCA Cable 3 FT.

### \*Not Included

-One CAT5 cable.  
Connects between the two RJ45 to DB9 adapters. The installer must purchase or make a cable to the required length.

Connections to Pole Display and CCTV

**VRX is simple to use!**

**VRX** Company Inc.  
[www.vrxinc.com](http://www.vrxinc.com)  
 Phone: 865-805-2437

# Text Inserter Kit for ECRs

Text Inserter for Casio Surveillance and Journal Printer.

Includes two RJ45 to DB9 adapters for easy CAT 5 wiring \*.

## Included:

- Text Inserter set up for CASIO.
- Wall Transformer, 9 Volt DC.
- Two RJ45 to DB9 adapters.
- Handshake adapters.
- BNC female to RCA male adapter.
- BNC male to RCA female adapter.
- RCA video cable, 3 foot.

\*CAT 5 wire and terminations are not included.

## Installation Summary:

See the interconnect diagram on the opposite side of this sheet.

The Text Inserter is connected to the POS at a serial port.

The installer must provide a CAT5 cable of the necessary length to connect between the RJ45 to DB9 adapters.

Select a location for the Text Inserter to minimize the difficulty of connection to the cash register and the customer's DVR (Digital Video Recorder). Usually the Text Inserter will be located near the customer's DVR to avoid making or moving video cables.

For this application, the handshake adapter is connected to the serial output connector. There are no connections on the Parallel In or Parallel Out.

## Step by Step Instructions:

1. Connect RJ45 to DB9 female adapter to the POS. Connect the RJ45 to DB9 male adapter to the Serial In on the VR2004 Text Inserter.
2. Fabricate a CAT 5 cable to connect between the RJ45 to DB9 adapters
3. Connect the appropriate camera cable to the Video Input of the Text Inserter, and

connect the Video Output to a monitor or DVR. The BNC to RCA adapters and the RCA cable usually are required.

4. Apply power to the Text Inserter with the transformer. Observe the LED on the Text Inserter. It will blink on and off slowly when the Text Inserter is idle and will blink rapidly when the Text Inserter is receiving new data.

5. Set up the cash register serial port for Surveillance Output on the serial port. Set the serial port for 9600-8-N-1. Reset the cash register if necessary to lock in the changes. Watch the monitor and make a sale or other transaction on the cash register to test the installation and observe the inserted text.

## Features.

The inserted text features 12 lines of 24 characters. The characters are large for easy visibility. They are white with a black outline to be visible under even the most extreme low or high light conditions. The characters automatically erase after a period of inactivity.

## More Information.

As shipped, the text inserter is set for compatibility with flow control of a journal printer. Internal jumpers J1, J2 and J3 set for pins 1-2.

For additional instructions on other Text Inserter features, see the user interface instructions in the full user manual, which you can find at:

[www.vrxinc.com/documents/VR2004POS\\_UserManual\\_1\\_0.pdf](http://www.vrxinc.com/documents/VR2004POS_UserManual_1_0.pdf)

**VRX Company Inc.**

[www.vrxinc.com](http://www.vrxinc.com)

**Phone: 865-805-2437**