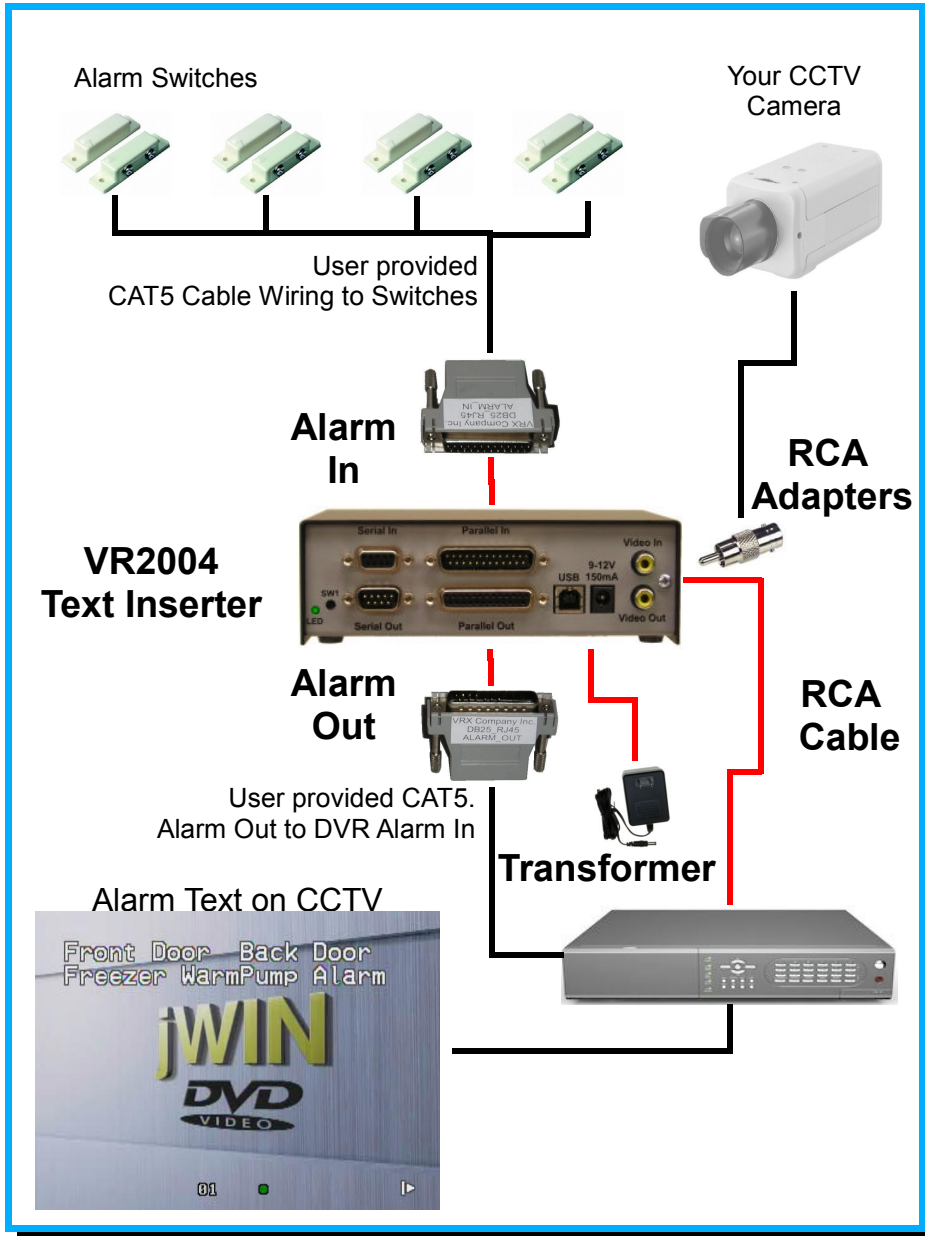


# VRX Company Inc.

## KIT\_VR2004\_ALARM2TEXT Interconnection Diagram



### Kit Includes:

- Text Inserter
- Wall Transformer
- ALARM\_IN adapter
- ALARM\_OUT adapter
- BNC\_F\_RCAM
- BNC\_M\_RCAF
- RCA Cable 3 FT.

### Alarm In Wiring:

- nAlarm1: Blue Gnd: Blue white
- nAlarm2: Brown Gnd: Brown white
- nAlarm3: Green Gnd: Green white
- nAlarm2: Orange Gnd: Orange white

### Alarm Out Wiring:

- nAlarm out: Green Gnd: Green white

### \*Not Included

- CAT5 cables
- Camera DVR monitor
- Switches

Connections to 4 switches and CCTV

**Loss Prevention Success!**

**VRX Company Inc.**

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# Text Inserter Kit for ECRs

Text Inserter for alarm switches.  
Includes RJ45 to DB25 adapters for easy CAT 5 wiring \*.

## Included:

Text Inserter with ALARM2TEXT© software.  
Wall Transformer, 9 Volt DC.  
DB25 to RJ45 ALARM\_IN adapter.  
DB25 to RJ45 ALARM\_OUT adapter.  
BNC female to RCA male adapter.  
BNC male to RCA female adapter.  
RCA video cable, 3 foot.

## Installation Summary:

\*CAT 5 wire and terminations are not included. The installer must provide or fabricate CAT 5 cables of the necessary length(s) to connect to the switchers and another to connect to the alarm input of the DVR if the DVR alarms are to be triggered by switch events. Wire with color coding per EIA568B. The connections will then be as follows.

EA568B Wiring	ALARM IN	ALARM OUT
Blue	nAlarm 1	Future use
Brown	nAlarm 2	Future use
Green	nAlarm 3	nALARM ALL Persistent
Orange	nAlarm 4	nALARM ALL
White trace	GND	GND
Brown white	GND	GND
Green White	GND	GND
Orange White	GND	GND

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

The Text Inserter is connected to normally open contacts of switches.

For this application, there is no connection to the serial input or output connector on the Text Inserter or the parallel in or parallel out.

## Step by Step Instructions:

1. 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.
2. Connect the ALARM\_OUT pulsed output into the appropriate DVR alarm input. The Green wire is the alarm and the Green and white is ground.
3. Connect the ALARM\_IN to the switches. The solid color wires are the inputs and with the wires with the color and white are ground. nAlarm 1: Blue, nAlarm 2: Brown, nAlarm 3 Green and nAlarm 4 Orange.
4. Apply power to the Text Inserter with the transformer. Observe the LED on the Text Inserter. It will blink on and off slowly.
5. Watch the monitor and open the door(s) or simulate relay closures to test the installation
6. Observe that the DVR alarm was triggered. Change the polarity of the DVR input if necessary and retest.

## Features.

The inserted text features four alarm inputs. Two alarm outputs. nALARM ALL pulses about ½ second low when any alarm events occurs. One alarm persists as long as any alarm input is asserted. The alarm text automatically erases after alarm clears except the last to clear which persists for a short time.

As shipped, the text inserter is set for text messages: Front Door, Back Door, Freezer Warm, Pump Alarm.

Other messages by customer request.

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