



Tech Tip 080023

Adam6060 KBD300A F1 Setup for Vigil Client and Vigil Server

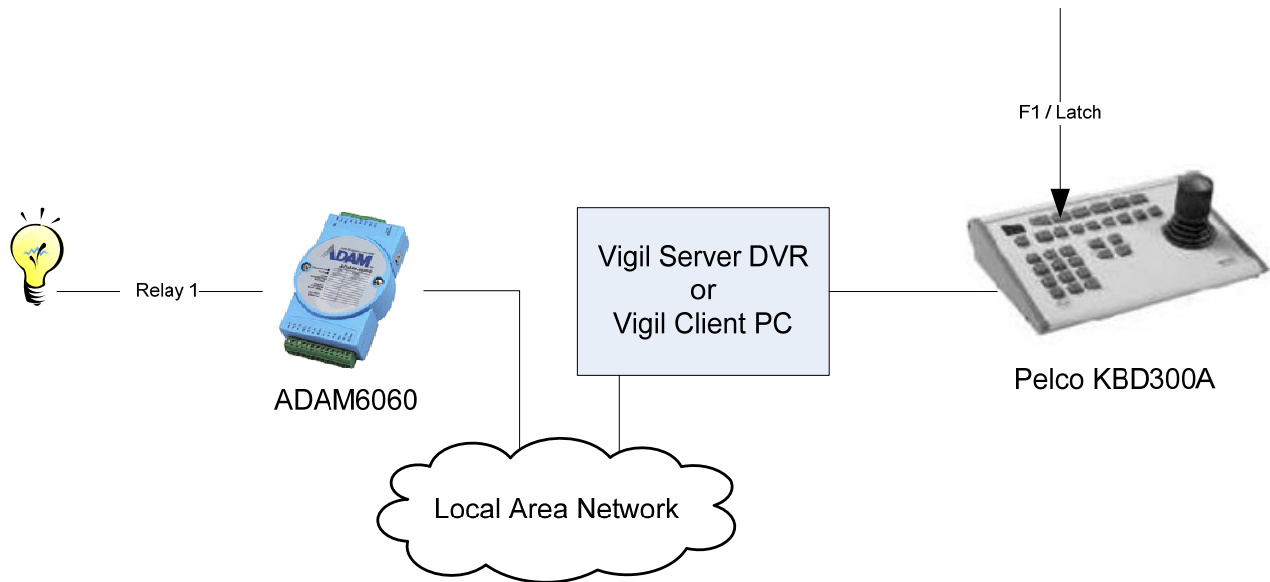
Tech Tip No.:	080023
Product Affected:	Adam6060 KBD300A F1 Setup for Vigil Client and Vigil Server
Date:	November 24, 2008
Description:	How to configure the Vigil Server or Vigil Client software to trigger the Adam6060 relay1 when the KBD300A F1 key is pressed.

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1 Vigil Adam6060 KBD300A F1 Configuration Overview

Vigil (Vigil Server or Vigil Client) can be configured to interact with both a Pelco KBD300A keyboard and an Adam6060 DIO device. When Vigil has both of these devices configured, the F1 button on the Pelco KBD300A controls relay 1 on the Adam6060. Please see the appropriate section below for Vigil setup details.



Please refer to the ADAM6060 and Pelco KBD300A wiring diagrams for wiring and setup details.
Please contact 3xLogic Technical Support for assistance.

2 Vigil Client Setup Details

1. Configure the Pelco KBD300A keyboard

Please refer to the Pelco KBD300A wiring diagram below for wiring details

- a. In **Vigil Client**, click the **Settings** button in the toolbar to open the *Settings* window
- b. In the left view, select the **Hardware** tab and click **Keyboard Settings...**
- c. Click **Add**
- d. In the **Type** dropdown, select **Pelco KBD300A**
- e. In the **COM Port** section, select the appropriate COM Port number
- f. Click **OK** in the *Keyboard Settings* window
- g. Click **COM Ports...**
- h. Select the appropriate COM Port number from the drop down list
- i. Select the following settings:
 - Baud Rate:* 9600
 - Data Bits:* 8
 - Stop Bits:* 1
 - Parity:* Odd
- j. Click **OK** in the *COM Port Settings* window
- k. Click **OK** in the *Settings* window
- l. Restart Vigil Client to ensure that the COM Port is reinitialized

Note: In order to use the Pelco KBD300A to control the currently selected camera and for PTZ camera control, in the *Settings* window **Hardware** tab, configure *Virtual Switch Input Mappings* for the cameras to be controlled using the Pelco KBD300A. Please note that to display maximum frame rates on an analog monitor, set the Vigil Client > *Settings* > *Default Live Speed* option to *Maximum*.

2. Configure the ADAM6060 DIO device

- a. Select **Start** and then select **Run**
- b. In the **Open** entry box, type **regedit** and then click **OK**



Warning! Misuse of the Registry Editor can result in system failure.

- c. In the left pane, browse to:
My Computer\HKEY_CURRENT_USER\Software\CSI Tech\Vigil Client
- d. In the right pane, **right click** on white space and select **New > String Value**
- e. Type **Adam6060ip** for the name of the new *String Value*. The String Value name should be selected for editing after creating the new value; if not, right click on New Value #1 and click Rename.
Note: Registry key names are case sensitive. When entering the name "Adam6060ip", it will only function if the "A" is uppercase and the remaining letters are lowercase.
- f. **Double click Adam6060ip** and in the **Value data** section, enter the IP Address of the ADAM6060 DIO device and then click **OK**
- g. Click the X in the top right to close the *Registry Editor*
- h. Restart Vigil Client for the settings to take effect

If you have any questions or if you would like assistance with any of these steps, please contact 3xLogic Technical Support at 1-877-3XLOGIC

3 Vigil Server Setup Details

Note: Vigil Versions 4.03.0200 and later support KBD300A keyboards

1. Configure the Pelco KBD300A keyboard

- a. In **Vigil Server**, Click the **Settings** button in the toolbar to open the *Settings* window
- b. Select the **DVR Settings** tab and then select the **Hardware** sub tab
- c. Click **Keyboard Settings** and then click **Add**
- d. Select **Type Pelco KBD300A**
- e. In the **COM Port** section, select the appropriate COM Port number
- f. Click **OK** in the *Add Keyboard* window
- g. Click **OK** in the *Keyboard Settings* window
- h. Select the **COM Ports** Tab
- i. Select the appropriate COM Port number from the dropdown list
- j. Select the following settings:
 - Baud Rate: 9600*
 - Data Bits: 8*
 - Stop Bits: 1*
 - Parity: Odd*
- k. Click **OK** in the *DVR Settings* window
- l. Restart Vigil Server to ensure that the COM Port is reinitialized

Note: If using the KBD300A to control DVRX Series Monitor outputs, use the KBD300A shift button to switch between *MUX Monitor Output* and *Single Camera View Monitor Output* control.

Note2: The PTZ cameras or other devices are set up as usual using a separate RS-232 to RS-422 Converter on a separate DVR COM Port. (A USB to Serial converter may be required)

2. Configure the ADAM6060 DIO device

- a. In **Vigil Server**, Click the **Settings** button in the toolbar to open the *Settings* window
- b. Select the **DVR Settings** tab and then select the **Hardware** sub tab
Note: If there are any DIO devices listed which do not exist then please delete them before adding the ADAM6060 DIO device.
- c. Click the **AUX Device Settings** button and click **Add**
- d. In the **Type** dropdown, select **ADAM 6060**
- e. In the **IP Address** section, enter the IP Address of the ADAM6060 DIO device and then click **OK** in the Edit DIO Device window.
- f. Click **OK** in the DVR Settings window

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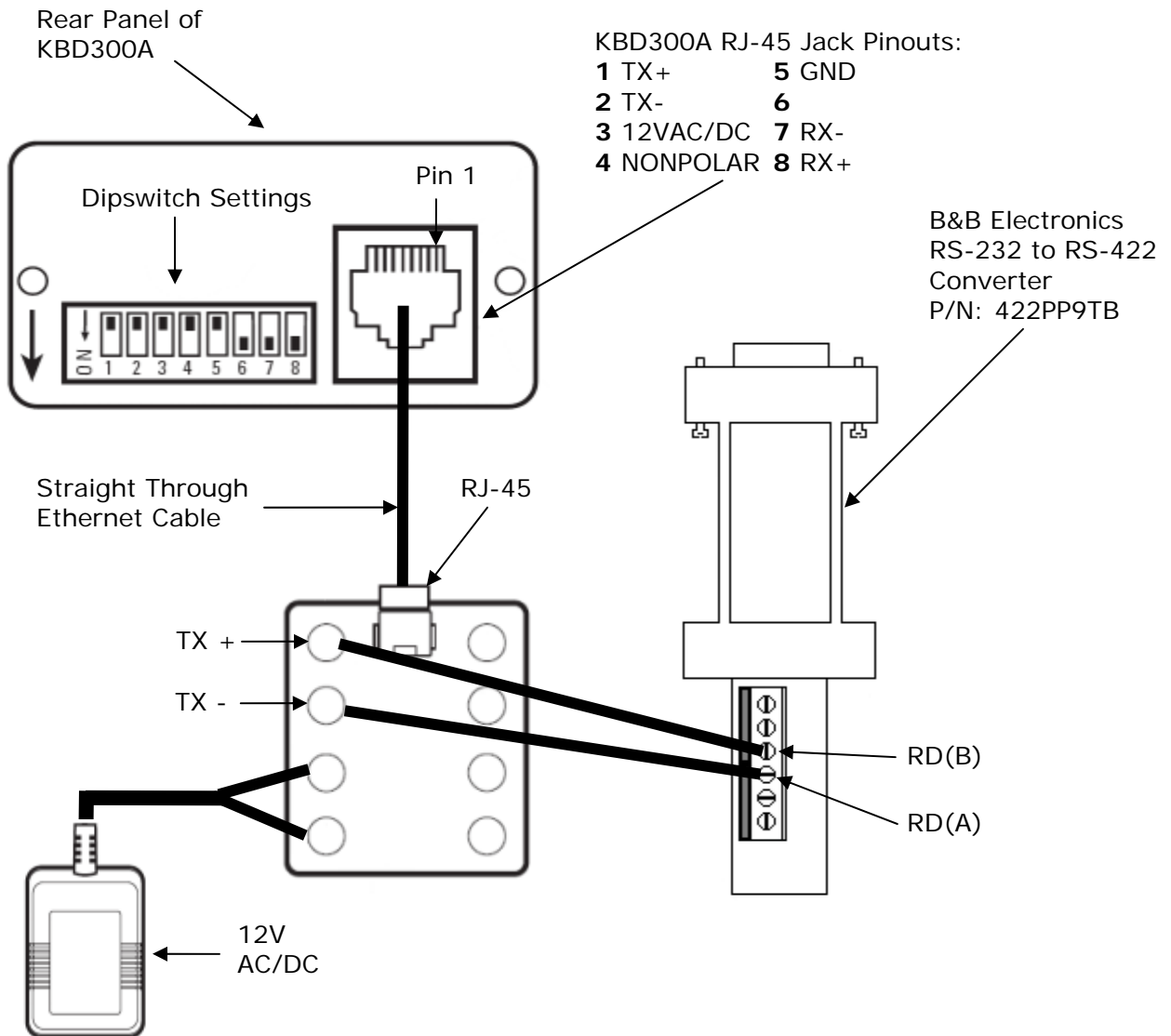
4 KBD300A Wiring Diagram



Pelco KBD300A COM Settings:

Baud rate: 9600
Data bits: 8
Stop bits: 1
Parity: Odd

Wiring Diagram



5 Contact Information

If you require more information, or if you have any questions or concerns, please contact
3xLogic Technical Support:

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