TECH NOTE

VICON TECHNICAL SERVICES GROUP

Subject: Standalone Keypad
Configuration
Product: V1300X-DVC/RVC
Number: 1400-0001-18-00
Date: 07/05/01

Standalone Keypad Configuration

The V1300X-DVC/RVC Intelligent Remote Control Panel, or keypad, can be configured to directly control a Vicon receiver-driver, or *Surveyor™* dome camera, by making the appropriate wiring connections and software programming options. The following procedure assumes one keypad and one *Surveyor™* dome camera.

1. Using 22AWG, dual twisted, shielded pair data wire, make the following connections:

Keypad	Signal	Surveyor TB3	Signal
J1-1	Shield Ground	TB3-1	Ground
J1-2	Response In -	TB3-4	Response Out -
J1-3	Response In +	TB3-2	Response Out +
J1-8	Command Out -	TB3-3	Command In -
J1-9	Command Out +	TB3-5	Command In +

2. Set dipswitch S2 on the Surveyor to *NTSC – VPS – Duplex – RS422.* Address as required.

3. On the V1300X-DVC/RVC, hold down the *F1* key and press *SEQ*. The *Status* indicator window will show the parameter to be programmed. The various parameter options may be viewed by operating the joystick up or down. When the desired option is visible, press *PP Enter*. The menu will sequence to the next parameter. To sequence to the next option without changing the selection, press *SEQ*.

   a. Keypad Type: Set to *SNGL*, press *PP Enter*.
   b. Speed Control Type: Set to *1300*, press *PP Enter*.
   c. Receiver Function Inhibit: If already indicating *No*, press *SEQ*.
   d. Joystick Response Profile: The default is *Med*. If *Med* is indicated, press *SEQ*.
   e. Baud Rate: Set to match receiver. Most receivers operate at *4800* baud **. Press *PP Enter*.
   f. Keypad Address: Set to *"0"*, press *PP Enter*.
   g. Modify Passcodes: Default is *No*, press *SEQ*.
   h. Auto Logout: Default is *Off*, press *SEQ*.
   i. Install Defaults: Indication is *No*, press *SEQ*.
   j. Enter Diagnostic Mode: Press *SEQ*.

** **Note:** If a variety of receivers are to be controlled, select 4800 baud. All receivers must operate at the same baud rate. Some older receivers were only capable of 4800 baud maximum.

4. The keypad will automatically reboot and re-initialize. When completed the *Status* window will indicate *SNGL*. Even though there is no matrix switching involved, a *Monitor* must be selected.

5. Press *MON – 1 – MON*. The number 1 will appear in the *Monitor* window.

6. Select the address that the camera's dipswitch S1 is set to by pressing the address number key and then press the *CAM* key.

Communications should be established and the camera should be able to be operated.

A V1400X-IDL *Intelligent Distribution Line Control* may be used to connect additional cameras. See wiring connections in XX017, V1400X-IDL Installation & Operation Manual.