Technical Bulletin

VIRTUAL MATRIX   Achieved by linking 1 switcher to eight Vivids

Description

Up to 8, 16 channel Vivid units can be virtually cascaded onto one monitor as per drawing above. Typical applications could be replay suites or systems where there is no space for multiple monitors.

Equipment Required

Any 16 channel Vivid unit with SP3 software,
A DVS24A (for up to 4 Vivids) or a DVS28A (for 4-8 Vivids)
A ZKX7 Series keyboard with 1.02S/W installed (ZKX72K, ZKX72J, or ZKX73J)

Interconnecting cables

Hard Wire the relay output from the vivid unit to the relevant alarm input on the desk switcher. Ensure that the main monitor output form the Vivid is also wire into the same numbered video input on the desk switcher.

Additional Recommendations

Time synchronisation is important for evidential continuity. It is recommended that the use of external time clocks is used, which can be connected via a NTP connection through the Ethernet port of the Vivid DVR.

Alias Table

Keyboard Selection	Aliased selection	Additional notes
1-16 camera select	Site ID 11 camera 1-16	Keyboard address (1-8)
17-32 camera select	Site ID 12 camera 1-16	
33-47 camera select	Site ID 13camera 1-16	
48-64 camera select	Site ID 14camera 1-16	Any other valid key selection will only work on the currently aliased site address.
65-80 camera select	Site ID 15 camera 1-16	
81-96 camera select	Site ID 16 camera 1-16	
97-112 camera select	Site ID 17camera 1-16	
113-128 camera select	Site ID 18camera 1-16	

Keyboard Setup

NOTE - only available with V1.02 S/W on ZKX72 series keyboards.

1. Follow the instructions supplied with your keyboard to enter the special configuration mode.
2. press the **site selection key** and the LCD display should show
        BaxNet Alias
        1-ON 2-OFF
3. Press the **number 1 key** followed by the **enter key**.
4. The keyboard will now be configured for BaxNet address aliasing as detailed in table above.

Desk Switcher setup

Using the instructions supplied with the desk switcher ensure that the following settings are applied into the menus.

1. Set all alarms to Transparent and Hold.
2. Remove all camera titles.

Vivid Setup

 NOTE - the Vivid units must be 16Ch and have SP3 S/W installed.

1. In the **Hardware set up** > **Relays** Menu, set either relay 1 or 2 to BaxNet monitor switch.
2. In the **Genera**l > **Base Number** menu select the base number as per details in the alias table above.
3. In the **hardware setup** > **connectivity** menu set the keyboard address as detailed in the alias table above.

Contact Details

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