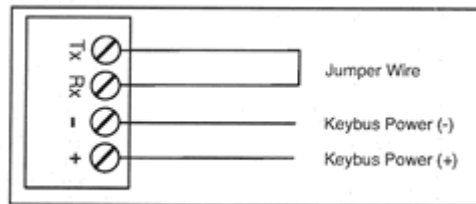


## FIRST STEP in VM101 Installation

1. With BAT powered down, place a jumper wire between the Tx and Rx data terminals and plug in the Ethernet connection to the IP network. Connect only the power and ground connections from the control panel's keybus. Do NOT connect data wires or attach the PC Link cable.

2. BAT will power up and rapidly blink the 'Aux' and 'Signal' LED's, followed by the 'Network' and 'Status' LED's. Once this happens, BAT will automatically restart and begin downloading the newest firmware. This will be indicated by a rapidly blinking 'Activity' LED to the right of the RJ45 network jack and a periodic blink of the blue 'Signal' LED. During this time, do not disconnect any wiring or cabling.

3. Once the download is finished, BAT will blink the green 'Status' led and begin the download verification process. If the download is verified, BAT will blink the blue 'Signal' LED two times; BAT can be powered down and wired to the alarm control panel as outlined in the installation document. If BAT blinks the blue 'Signal' LED four times, the download was corrupted and must be tried again; Simply power down BAT and power back up, keeping the jumper wire in place.



Locate the alarm panel and determine the make of the panel: GE DSC, Honeywell, Ademco, ADT, First Alert = (Vista) **Wire the VM101 BAT as outlined inside for your panel type.**

### General Troubleshooting:

- I. Verify all wiring connections are terminated correctly according to the correct wiring diagram in the installation Guide.
- II. Verify you have not exceeded the power supplies' rated capacity. Note that the BAT draws 125 mA of power, and must be powered off of the keybus.
- III. Verify all programming steps are correct according to the Installation Guide.
- IV. If BAT is unresponsive, try power cycling the BAT by disconnecting the red keybus wire for 5 seconds. Please leave control panel on during this process.

See Back Page for More:

## Network Troubleshooting

**'Network' LED** . This LED will only illuminate upon a trouble condition. If there is a problem with IP connectivity, this LED will blink with a pattern as outlined below:

**1 Blink** . There is a problem communicating with the IP network. Please check the Ethernet cabling between the BAT and the IP network modem / router / switch.

**2 Blinks** . There is a problem getting an IP address from the network. Please note that DHCP must be turned on for the BAT to receive a local IP address on the network and public DNS server addresses. A public and/or static address is NOT needed.

**3 Blinks** . There is a problem communicating with My Virtual Monitoring's network. This could be caused by faulty DNS servers being distributed to the BAT via the IP network's DHCP server or, if the IP network is complex or is heavily filtered, there could be a routing or filtering issue.

**LIMITED WARRANTY:** My Virtual Monitoring and IP Datatel, Inc. (hereinafter referred to as Seller), warrants its Product to be in conformance with the product specifications, and to be free from defects in materials and workmanship under normal use and service for a period of twelve (12) months from the date of original purchase. Seller's sole obligation shall be limited to repairing or replacing, at its option, free of charge for materials or labor, any product which is proved not to be within Seller's specifications of the Product, or proves defective in materials or workmanship under normal use and service.

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**My Virtual Monitoring**  
a Leader in Broadband Alarm Monitoring

**Internet Alarm Monitoring  
Direct to Your Phone, via  
Voice, Text and or Email  
Plus Virtual Keypad**

Broadband Alarm Transmitter



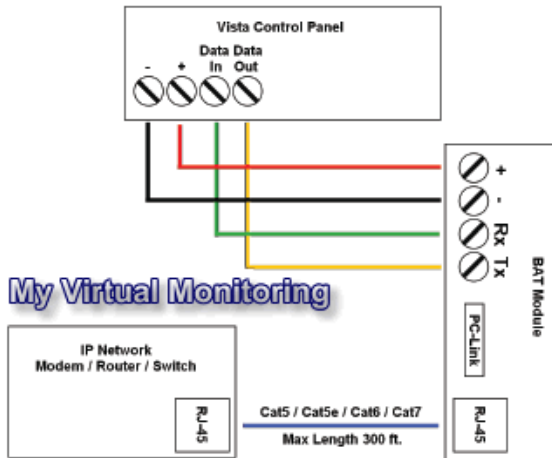
**VM101 Hardwired BAT  
Quick Installation Guide**

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

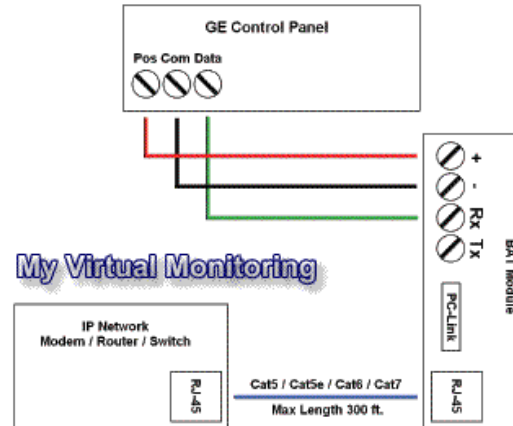
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DSC is a registered trademark of Digital Security Controls Ltd.  
First Alert is a registered trademark of BRK Brands, Inc.  
GE is a registered trademark of General Electric Company

## Installing On Vista

Wire to keypad terminals of panel normally 4 5 6 & 7



## Installing On GE NX V2

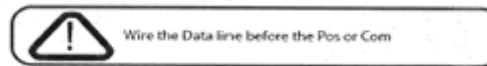


As with other Networkx devices, The VM101 registers itself automatically as a keypad and a communications device when you exit programming on the panel as 240 and 76 respectively. **The VM101 Cannot be used with NX-591 or NX-592**

If your not using a phone-line and only using the VM101 to communicate with our server then the following needs to be changed.

Device 0, Location 0: Enter %4+(No Phone Number)  
 Device 0, Location 1: Enter Account Number (0000)  
 Device 0, Location 2: Enter 0  
 Device 0, Location 37 Segment 1: Disable Options 1,2  
 Device 0, Location 37 Segment 3: Disable Options 6  
 Device 0, Location 39 Segment 1: Disable Options 1,2  
 Device 0, Location 40 Segment 5: Enter 0

**(For All Panels)**



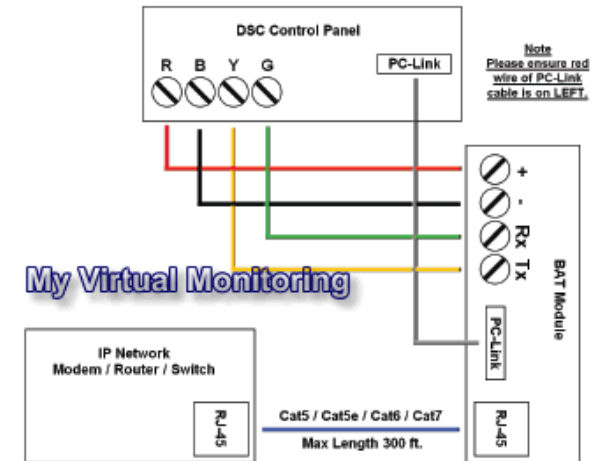
## Login Process

**Log onto our website and click on Register BAT to have us set up your account.**

**Troubleshooting Tips are on our website at [www.myvirtualmonitoring.com/support.htm](http://www.myvirtualmonitoring.com/support.htm)**

**If you ordered Live Operator Response Service, check your email for setup instructions.**

## Installing on DSC



In addition to the keypad bus, make the connection to the PC-Link header From the Control Board to VM101 BAT. The PC-Link Header is located on the middle right hand side of the control board. **Plug the cable in so the red wire of the Molex connector is on the left side.**

(PC1616/PC1832/PC1864) Panels to output signals to My Virtual Monitoring's network systems the following configuration sections must be addressed: Go into Installer Programming. Enter Installer Programming by pressing \* 8 then installer code default is 5555. (\* 8 5555)

SECTION 015: SET 7 **OFF** (Turns Off Phone Line Supervision)  
 SECTION 167: SET FOR %060+Seconds  
 SECTION 301: SET 'DCAAF00000000'  
 Non Alpha Keypads enter \*3116\*#  
 SECTION 350: SET 04/04 for SiaFSK  
 SECTION 351, 359, 367, 375, 376 Call Directions, **Enable** (Option 1) **Disable** (Option 5)  
 SECTION 380: SET Communications Enable (Option 1)  
 SECTION 381: SET Auto SIA Active by **Disabling** (Option 3) **Make sure 5 and 6 are ON**  
 SECTION 382: SET PC-LINK ACTIVE Enable (Option 5)  
 SECTION 389: SET TO %003+  
 WHEN DONE PRESS # to exit programming.

Enter Programming (installer code 8 0 0) Default installer code is 4112. You will see 20 or Installer Code 20 on the keypad display. To advance to a programming field, press \* then the field number. **Please read the complete page.**

### On Vista 10P/15P/20P/21P MUST Program:

- \*29 (Long Range Radio / IP / GSM Output: Enter 1\*\*)
- \*43 (Primary Subscriber ID. Input 4 digit Account No. from your dealer or set to 0000\* if not used then press \*.)
- \*50 (Dialer Delay) Enter 0 to turn off.
- \*55 (Signal Priority) Enter 1 for Long Range Radio
- \*84 (Auto Stay) Enter 0
- \*193 Keypad 20: Enter %0+(Used for Remote Keypad Services)
- \*41 (Primary Phone No. or Delete if not in use by entering \*.)
- \*42 (Secondary Phone No. or Delete if not in use by entering \*.)

The following report fields are turned on by entering %41+in each of the fields until you hear three beeps to have them report.

- \*60 Trouble Report Code
- \*61 Bypass Report Code
- \*62 AC Loss Report Code
- \*63 Low Bat. Report Code
- \*64 Test Report Code
- \*65 Open Report Code (Disarmed)
- \*66 Away/Stay Report Code (Armed)
- \*67 RF Low Bat. Report Code
- \*68 Cancel Report Code

**When Done, Exit Programming by Pressing \* 99.**

**For Vista 128 or 250 panels please visit our website at [www.myvirtualmonitoring.com/installation\\_guide.htm](http://www.myvirtualmonitoring.com/installation_guide.htm) for programming instructions**