



OVERVIEW

The VR-Link2 is a remote monitoring and control device that interfaces to a Vector series transmitter and provides web based control and monitoring ability via an internal serial to LAN adapter.

The serial to LAN adapter provides control and monitoring of the transmitter through audible alarms and status indicators in the form of a web page, which can be accessed over an Ethernet connection.

Multiple extended control monitor panels (ECMP's) may be used in conjunction with the VR-Link2. The VR-Link2 allows for connections with up to three external ECMPs and one internal ECMP via RS485 serial communication. The ECMP is a remote control device used to monitor - visibly or audibly - and control the inputs and outputs of a Vector series transmitter.

The available interconnection options allow for control/monitor capabilities at multiple locations and virtually any distance from the transmitter.

VR-LINK2

Remote control/monitoring of Vector NDB system

Interface

The VR-Link2 can interface with the Vector NDB via RS232 or RS422 (serial) connections.

Optional modems allow for the use of leased-line dial-up or GSM/GPRS connection to the NDB. Serial server connection may also be used to facilitate a network connection (WAN) between VR-Link2 and NDB.

Control/Monitoring

VR-Link2 provides user with complete control/monitoring of Vector NDB and ATU via text-based web site interface (requires user supplied PC and ethernet interface between VR-Link2 and PC).

VR-Link2 remote capabilities include:

- Remote access to alarm/information logs
- E-mail reporting of system status, upon request
- Data server for integration with existing remote control equipment
- SNMP Ver. 1 (polled implementation)

Range

RS232 - 15 m max
RS422 - 1 km max
Leased-line - Unlimited
Dial up - Unlimited
GSM/GPRS - Unlimited
Network connection - Unlimited

Environmental

Temperature Range
-30 °C to +50 °C (operating)
-40 °C to +85 °C (storage)

Humidity
0 to 95% relative humidity (non-condensing)

AC Input

100 V to 240 V ac, 50/60 Hz @ 1 A

DC Power Supply Options

+24 Vdc @ 2 A maximum
+48 Vdc @ 1 A maximum

Dimensions

48.2 cm W x 13.3 cm H x 39.4 cm D
(19" W x 5.2" H x 15.5" D)

VR-LINK2/ECMP INTEGRATION

VR-Link2 with Integrated ECMP

ECMP can be integrated with VR-Link2 using standard VR-Link2 connections to provide the combined monitoring and control capabilities of both devices for one NDB and ATU. Using ECMP in conjunction with VR-Link2 allows control and monitoring functions of ECMP to be utilized remotely.

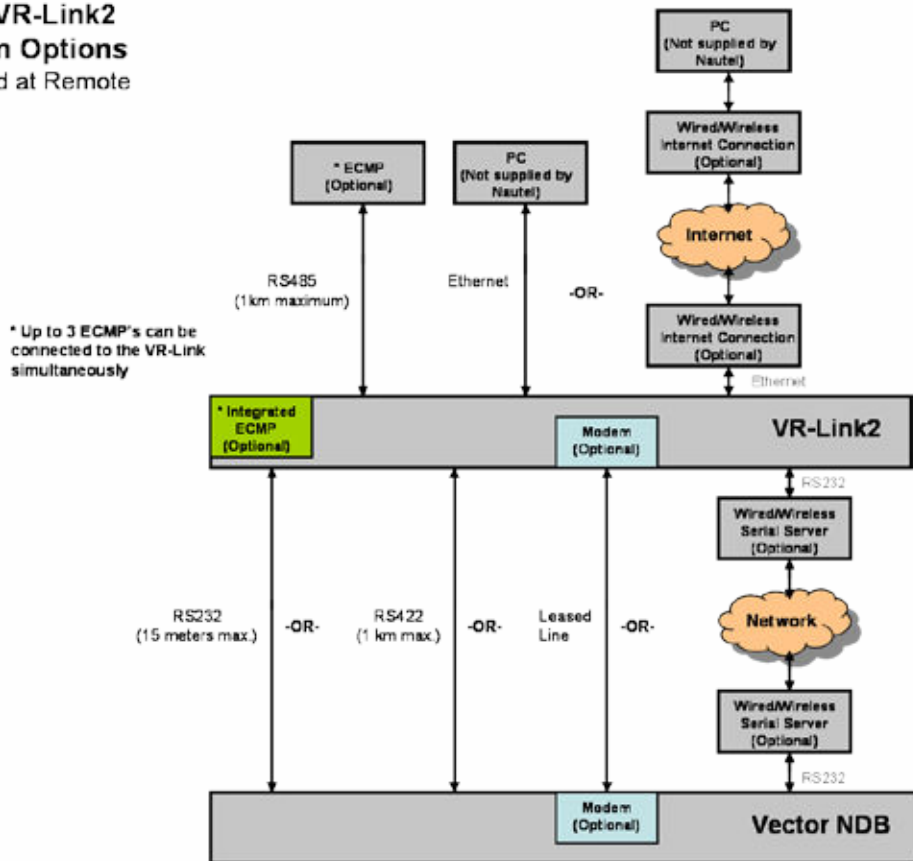
Connecting multiple ECMP units via VR-Link2

Up to four (one internal to VR-Link2) ECMP units can be connected to one VR-Link2 simultaneously for control of the NDB. The ECMP is connected to VR-Link2 with standard serial (RS485) connections. ECMP units can be located up to 1 km from VR-Link2.

VRLINK-2



Vector NDB & VR-Link2 Interconnection Options (VR-Link2 Installed at Remote Location)



Vector NDB & VR-Link2 Interconnection Options (VR-Link2 Co-located with Vector NDB)

