

VI-16IN

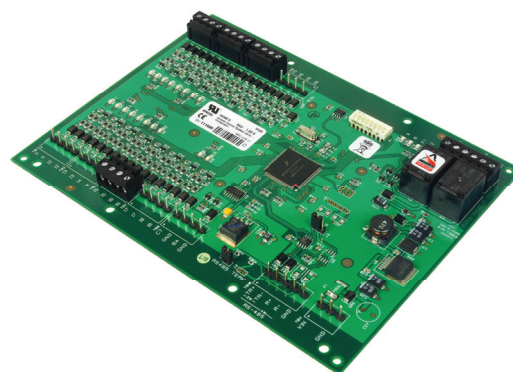
16 Input Monitor Module

OVERVIEW

The Vanderbilt Industries 16 Input Monitor Module (VI-16IN) is capable of supporting 16 general purpose inputs which can be individually set for normally-open or normally-closed operations and can be declared supervised and non-supervised. Individually configurable parameters can be set for sensitivity ranges, timing parameters and end-of-line resistance values.

Two programmable relay outputs can be configured for fail safe or fail secure operation, supporting "On", "Off", "Pulse", and "Repeating Pulse" commands.

The VI-16IN communicates directly to the VRCNX-M Reader Controller board. The VI-16IN supports universal triggers, which integrates any input associated with any output response or a multitude of output responses and can be used to integrate alarm control and/or elevator floor control. Includes enclosure.



FEATURES AND BENEFITS

- VI-16IN connects to the Vanderbilt VRCNX-M Reader Controller via RS-485 protocol
- 16 programmable supervised or unsupervised contact inputs
- Contacts can be defined as alarms, door status, egress, or other environmental conditions
- 2 Form "C" single pole/double throw, mechanically latching 5 A relay outputs
- Metal enclosure with hinged and dual screw door
- Connection for on-board tamper switch
- Tamper switch, lock and key option available

SPECIFICATIONS

Dimensions:	6.0' W x 8.0' L x 1.0' H (152mm W x 203mm L x 25mm H)
Enclosure:	12 1/4" H x 10 1/4" W x 2 3/4" D
Power requirements:	12-24 VDC +/- 10%, 350 mA maximum 12Vdc @ 300mA nominal 24Vdc @ 220mA nominal
Inputs:	16 General purpose: programmable circuit type 2 Dedicated: Tamper and Power Monitor
Outputs:	2 Relays: Form-C, 5 Amp 28 VDC
Ambient temperature:	0—70 °C operational, -55—85 °C storage
Humidity:	0 to 95% RHNC
Maximum RS485 (data) distance between reader controller to VI-16IN is 4,000 feet with local power	
Recommended cable:	18AWG/2 COND Stranded, Shielded, Twisted (RS485 data only)
Standards:	UL 294 Recognized, CE Compliant, RoHS

ORDERING INFORMATION

VI-16IN 16 Input Monitor Module

VLOCKRI Enclosure Lock
(comes with (2) keys, tamper switch and cables)

Note: Can be ordered without enclosure.

Use (-NB) to specify no box.

The logo for Vanderbilt Industries, featuring the word "VANDERBILT" in a bold, blue, sans-serif font. The letters are spaced out, and there is a thin horizontal line underneath the text.