

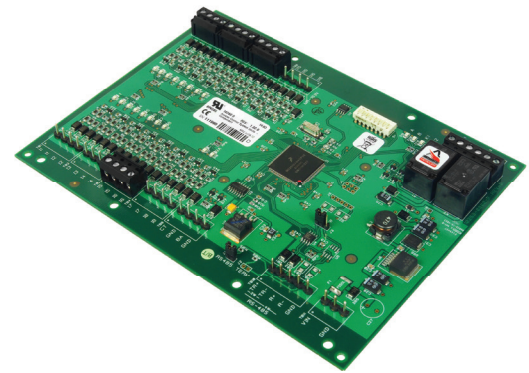
## VI-16IN

### 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.

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
- Metal enclosure with hinged and dual screw door
- Connection for on-board tamper switch
- Tamper switch, lock and key option available

## SPECIFICATIONS

<b>Dimensions:</b>	6.0' W x 8.0' L x 1.0' H (152mm W x 203mm L x 25mm H)
<b>Enclosure:</b>	12 1/4" H x 10 1/4" W x 2 3/4" D
<b>Power requirements:</b>	12-24 VDC +/- 10%, 350 mA maximum 12Vdc @ 300mA nominal 24Vdc @ 220mA nominal
<b>Inputs:</b>	16 General purpose: programmable circuit type 2 Dedicated: Tamper and Power Monitor
<b>Outputs:</b>	Not supported at this time
<b>Ambient temperature:</b>	0—70 °C operational, -55—85 °C storage
<b>Humidity:</b>	0 to 95% RHNC
<b>Maximum RS485 (data) distance between reader controller to VI-16IN is 4,000 feet with local power</b>	
<b>Recommended cable:</b>	18AWG/2 COND Stranded, Shielded, Twisted (RS485 data only)
<b>Standards:</b>	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.

**VANDERBILT**