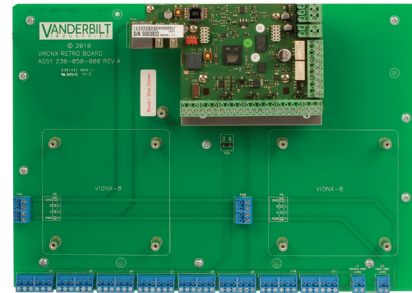


VRCNX-A Reader Controller

OVERVIEW

The Reader Controller Board (VRCNX-A) is a newly designed controller with updated technology that incorporates additional memory and input/output capabilities onto a single back board for easy installation. The back board includes a VSRC-A Smart Reader Controller and connections for a VI-16IN Input and VI-16O Output Module. Compatible with the Vanderbilt Industries Security Management System software, the VRCNX-A supports up to (16) devices.



FEATURES AND BENEFITS

- On board 10/100 Base-T Ethernet connection
- Two RS485 channels of 8 multi-dropped terminal strips
- On board tamper switch connector
- Linux operating system
- 256 MByte of NAND Flash and 128 MByte of DDR2 SDRAM Memory
- Supports proximity, smart card, magnetic stripe, biometrics, barcode and Wiegand technologies
- Configuration options allow support for up to (16) devices* and connections for an additional VI-16IN 16 Input Monitor Module and VI-16O 16 Relay Output Module.
- Enhanced Offline Mode
- Supports most card readers (wiegand devices)
- Supports Schlage AD/CO Series Networked and Wireless Locks
- Supports Schlage NDE Series Wireless Locks
- Supports ASSA ABLOY Aperio Wireless Locks
- User configurable password protection
- Fully encrypted using SSL certificate

* on-board reader interfaces disabled on VRCNX-A Controller



SPECIFICATIONS

Dimensions:	11 ¾" H x 13" W x 2 ¼"D
Enclosure:	17" H x 17" W x 2-3/4" D
Power Requirements:	12-24 VDC
Power Consumption:	360mA MAX (w/2 VIONX-8 mounted)
Ambient temperature:	-55°C to +85°C or -67°F to 185°F
Humidity:	10% to 95% RHNC
Recommended data cable:	18 AWG/2 COND, stranded, shielded, twisted (up to 4000') to RS-485 channel devices
Recommended power cable:	18 AWG/2 COND, stranded, shielded, twisted (up to 500'); devices beyond 500' should be powered locally

**Compatible with SMS software version 5.3.1 and higher.
Programming templates available in v5.3.5 and higher.**

ORDERING INFORMATION

VRCNX-A - Reader Controller Board

Includes one VSRC-A Reader Controller mounted on a back board. Includes enclosure.

Note: VRCNX-A can be ordered without enclosure.
Use (NB) to specify no box.

OPTIONS

VI-16IN - 16 Input Monitor Module

VI-16O - 16 Relay Output Module

Note: Use (NB) to specify no box

VRI-1 - Single Reader Interface

VRI-2 - Dual Reader Interface

Note: Use (NB) to specify no box

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