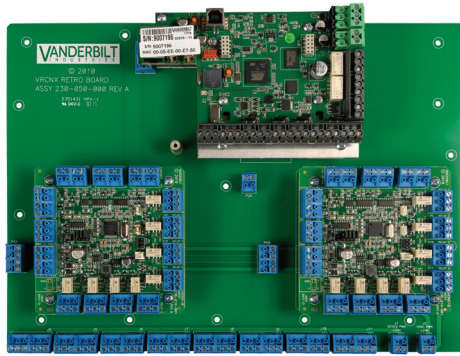


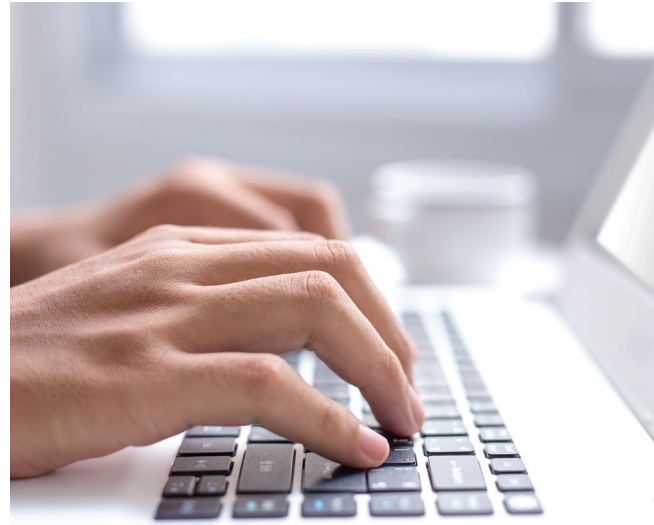
SECURITY MANAGEMENT SYSTEM (SMS)

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 VIONX-8 or 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.



✓ KEY FEATURES

- On board 10/100 Base-T Ethernet connection
- Two RS485 channels of 8 multi-dropped terminal strips
- 256 MByte of NAND Flash and 128 MByte of DDR2 SDRAM Memory
- 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 Networked and Wireless Locks
- Supports ASSA ABLOY IP/WiFi and Aperio 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 v5.3.5 SP2 and higher	
UL 294 Certified	

Ordering Information

VRCNX-A	Reader Controller Board Includes one VSRC-A Reader Controller mounted on a back board. Includes enclosure.
OPTIONS	
VIONX-8	Input/Output Expansion Board
VRINX	Single Reader Interface
VI-16INS3	16 Input Monitor Module
VI-16OS3	16 Relay Output Module
VRI-1S3	Single Reader Interface
VRI-2S3	Dual Reader Interface
Note: Can be ordered without enclosure. Use (NB) to specify no box.	

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