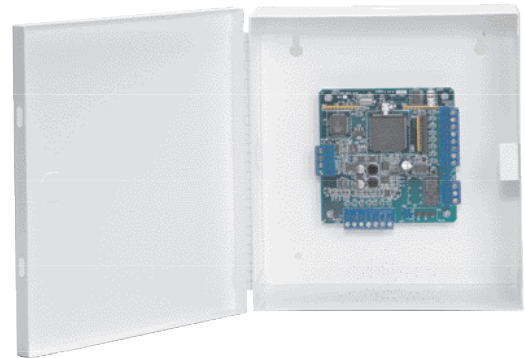


VURI

Universal Reader Interface

OVERVIEW

The Vanderbilt Industries Universal Reader Interface (VURI) is designed for sharing one reader on up to three different access control systems. The VURI can work with multiple reader technologies (i.e. proximity, magnetic stripe, biometric, keypad, etc). The VURI is perfect for multi-tenant buildings with multiple access control systems utilizing turnstiles, elevators, etc.



FEATURES AND BENEFITS

- Routes transactions directly to the corresponding access control system only
- Eliminates unnecessary transactions in multiple access control systems from a shared reader
- Works on any Wiegand format reader (i.e. proximity, magnetic stripe, keypad, biometric, etc)
- Ideal for building owners or property managers who have tenants with different access control systems who share readers in common areas

SPECIFICATIONS

Dimensions	3-3/16" H x 3-3/16" W x 1-3/4" D
Enclosure	8-1/4" H x 7-1/2" W x 3-1/2" D
Power Requirements	12VAC/12VDC can be powered from VRCNX
Power Consumption	100mA (without read head) @ 200 mA fully configured
Ambient Temperature	0°C to 70°C or -40°F to 185°F
Humidity	10% to 90% (non-condensing)
Maximum Distance	500 feet wiegand data communication 18AWG 4 cond
Wiegand Output Signal	Pulse width: 50 us./ Time between two pulses: 2.2ms
LED Control	All led control lines from VRINXs should connect to one of seven contact points on VRINX board. If one of the seven contacts is logically low, P1 pin 5,6,7 which is led control output pin, will be low to set led on reader head to green. If all seven contacts are logically high, P1 pin 5,6,7 is high and led on the reader head is red.
Relay Control	Relay 1 on VURI will be energized whenever led on reader head is green. User can use the relay to control a door lock.
Reader Head	This firmware is designed for a reader head that emits Wiegand signal with one wire led control line. Led is red when led control is logically set high and led is green when led control is logically set to low, such as HID prox reader, sensor swipe reader, etc.

ORDERING INFORMATION

VURI - Universal Reader Interface

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