

# VANDERBILT



## VR series Mifare Card Readers

Protect against cloning and hacking

New Release! Bluetooth Modules that easily adds Bluetooth functionality to OSDP or Wiegand VR series readers.

[vanderbiltindustries.com](http://vanderbiltindustries.com)



As well as being attractive, Vanderbilt's VR series Card Reader range offer dynamic features, including variants with OLED display to simplify installation and in-service functionality. Crucially, they have support for high security DESfire cards and anti-hacking OSDP protocols for communication.



**Vandal resistant, tamper protected**

When surface mounted the card readers comply to IK08 vandalism protection for longevity in the harshest environments.



**VR SERIES DESFIRE/MIFARE OSDP CARD READER RANGE**



**Discover Vanderbilt's VR series DESfire and Mifare OSDP Card Reader range**

Designed for today's bright, clean interiors, yet robust in service, our VR series of DESfire and Mifare card readers are easy to install, use and maintain. The AR4xS - reader with keypad and graphical display maximises the user interaction with arming, access and recognition messaging etc., resulting in improved and enhanced user interaction "at the door".



**Ready integration with SPC, Omnis and ACT**

The VR series DESfire and Mifare card readers have been designed to work with SPC, Omnis and ACT, as well as third party systems that utilize Mercury built hardware.



**Light frame and tactile, intuitive user interface**

All models have three indicator LEDs and a multi tone buzzer for audio verification. A multicolour light frame enforces access status information. This can be configured to follow the indicator LEDs, or any number of different options. Display brilliance is set automatically by an inbuilt light sensor.



**Easy installation and maintenance**

Only four wires are needed to connect the reader to the system yet they have full OSDP anti-hacking security. Configuration of the card readers can easily be achieved by using a configuration card, and secure DESfire encryption keys can be downloaded into the reader.





### New Release! Bluetooth Modules:

- ✓ Vanderbilt's latest Bluetooth Modules allow Vanderbilt OSDP or Wiegand VR series reader (VR10S-MF, VR40S-MF, VR20M-MF, VR50M-MF) to be converted into a Bluetooth reader.
- ✓ This means installers can now make simple upgrades in the field with an easy-to-install, purpose-made Bluetooth module that also fits any standard EMEA backbox.
- ✓ The modules complement readers for existing VCredential and ACTpro systems.



### Support for the latest DESfire card technologies

Smart card technology is embraced with support for the latest DESfire cards including reading of Mifare Classic (UID, S/B) 1k and 4k bytes cards as well as Mifare Plus (UID) 2k and 4k bytes cards and Mifare DESFire EV1/ EV2 (UID, application/file) 2k, 4k and 8k bytes cards.



### VR series Card Readers - features at a glance

- ✓ Attractive modern design in a neat form factor
- ✓ Easy to use and install (from both a physical and system configuration perspective)
- ✓ Supported by Mercury built hardware (Both Vanderbilt developed FW and Mercury developed FW that support the OSDP version 2.1.5)
- ✓ Ability to read the latest DESfire and Mifare technology
- ✓ Vandal resistant. Tamper protected
- ✓ Installers can now convert VR series readers to Bluetooth readers with an easy-to-install, purpose-made Bluetooth module that also fits any standard EMEA backbox.



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