

## VBB *bright blue*® Controller

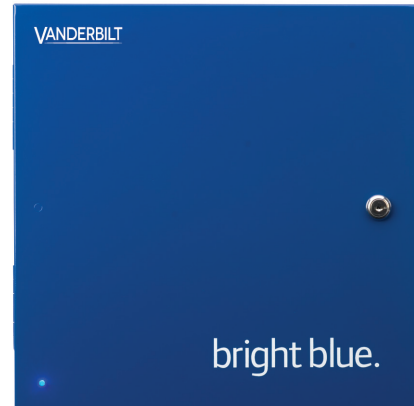
### OVERVIEW

**bright blue**® is a web-based access control system from Vanderbilt Industries. Its embedded intelligence design means it does not require special software installation or a dedicated PC. Any computer running a standard web browser can be used to access, monitor and manage your system. The system's user-friendly design means that anyone can use it, making access control a simple part of your busy life.

This system is web-based so you can access it like any other web page on the internet. **bright blue** comes network-ready and easily connects to your network using an Ethernet port. After the controller is hooked up, you simply use any network-connected computer to access and manage your system. It's web-based design makes installation a breeze.

Everything about Vanderbilt's **bright blue** is easy - from installation and training to system management, support and maintenance. It is user-friendly and reliable. The system provides easy-to-use configuration wizards and help tips so that even novice computer users will be able to set up and navigate their access control system. The configuration wizards allow you to add personnel, set up doors, and assign personnel access to doors based on their time schedules.

Enhance your security system with **bright blue** video integration. When used with bright blue, each card swipe can be linked to video, thereby allowing the user to perform investigations with accuracy.



### FEATURES AND BENEFITS

- Support for up to 32 doors and 5000 cardholders
- Includes 2 on-board reader interfaces for direct connect
- Access anytime, anywhere, with a network connected computer
- Built-in web server
- System back-up
- Anti-passback function to eliminate unauthorized entry
- Facility lockdown via credential or external pushbutton (via VBB-RI or VBB-NRI)
- Event Notification via email
- Degraded mode
- Manual overrides to temporarily unlock doors
- Supports industry standard proximity, smart card and magnetic stripe readers (Wiegand technologies)
- Supports Schlage AD and NDE Series locks
- Holiday and event scheduling
- Standardized reports
- Door status monitoring
- Remote access and administration
- Flashable firmware upgrades
- Video integration available
- Includes enclosure, lock and tamper switch
- UL 294

## SIMPLE AND SECURE

All User ID's and passwords are protected with security encryption providing you with secure access to monitor, control and manage your system's personnel data, transactions, and activities.

**bright blue** provides you with three log-on access levels including User, Operator and Administrator. Each level provides a different set of access rights to the system. That way, system users will only be able to access functions that you want them to manage or view. The **bright blue** controller is also built on a Linux operating system, which means that your system is very stable and secure from external threats.

## ECONOMICAL

**bright blue** is not only simple, but saves you money too! The web-based application eliminates the need for a dedicated PC and software as with conventional access control systems.

## SPECIFICATIONS

|  |   |
|--|---|
| <b>Supports up to 32 devices</b>   | 2 on-board reader interfaces included on controller panel   |
| <b>Supports magnetic stripe, total proximity and smart card technologies</b> |   |
| <b>Operating System</b>  | Linux   |
| <b>Microprocessor</b>  | 400 MHz Atmel ARM9-based AT91SAM9G46  |
| <b>Encryption</b>  | Web Interface SSL<br>Encrypted with SHA-2 (2,048-bit) Certificate   |
| <b>Web-browsers Supported</b>  | IE v10-11, Firefox 3.6.3-49.01, Safari v6.1 on OS X v10.8.5, Safari v9.3.5 on IOS (iPhone/iPad) and Google Chrome v53 (using IE Tab v7.7 extension) |
| <b>Ethernet</b>  | 10/100 Base-T   |
| <b>Supports DHCP or Static IP addressing</b>                                 |   |
| <b>256 MByte NAND Flash and 128 MByte of DDR2 SDRAM</b>                      |   |
| <b>Power Requirements</b>  | 12VDC to 24 VDC   |
| <b>Power Consumption</b>   | 500mA (excluding peripheral devices)  |
| <b>Operating Temperature</b>   | 0°C to 70°C; 32°F to 158°F  |
| <b>Humidity</b>  | 10% to 95% RHNC   |
| <b>Board Dimensions</b>  | 9.5" H x 11.5" W  |
| <b>Enclosure Dimensions</b>  | 14" H x 14" W x 3.5" D  |
| <b>Rating</b>  | NEMA 1 rated locking enclosure with tamper switch   |

### ORDERING INFORMATION

**VBB - bright blue®** Controller

### ACCESSORIES

**VBB-RI** Reader Interface

**VBB-NRI** Network Reader Interface

**VBB-3ALS** 75W, 6A/12VDC or 3A/24VDC  
Switching Power Supply with Charger

**VBB-6ALS** 150W, 12A/12VDC or 6A/24VDC  
Switching Power Supply with Charger

**VBB-10ALS** 250W, 20A/12VDC or 10A/24VDC  
Switching Power Supply with Charger

**VANDERBILT**