# 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. For larger or distributed systems, linking option allows management of multiple panels at different locations from a single simple interface.

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
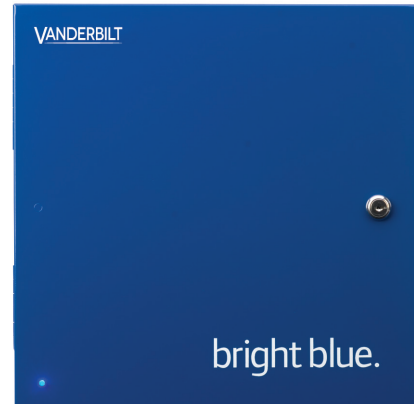
FEATURES AND BENEFITS

- Support for up to 32 doors and 5000 cardholders
- Expansion capabilities for linking multiple panels available
- 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 pushbuttton (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 Certified

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

Supports up to 32 devices	2 on-board reader interfaces included on controller panel: (4) Contact Inputs, (2) Form-C Relay Outputs combined
Supports magnetic stripe, total proximity and smart card technologies	
Operating System	Linux
Microprocessor	400 MHz Atmel ARM9-based AT91SAM9G25
Encryption	Web Interface SSL Encrypted with SHA-2 (2,048-bit) Certificate
Web-browsers Supported	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)
Ethernet	10/100 Base-T
Supports DHCP or Static IP addressing	
256 MByte NAND Flash and 128 MByte of DDR2 SDRAM	
Power Requirements	12VDC to 24 VDC
Power Consumption	12VDC: 200mA; 24VDC: 125mA (excluding peripheral devices)
Operating Temperature	-40°F to 131°F; -40°C to 55°C
Humidity	77°F@ 80%; 131°F@ 93% 25°C@ 80%; 55°C@ 93%
Board Dimensions	9.5" H x 11.5" W
Enclosure Dimensions	14" H x 14" W x 3.5" D
Rating	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

blueEX Multi-Panel Expansion Appliance

VANDERBILT
an ACRE company