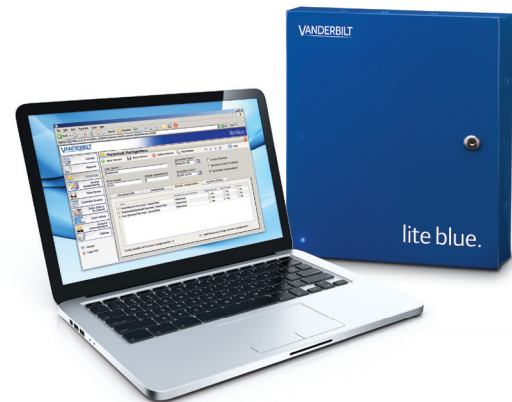# VLB
lite blue® Controller

OVERVIEW

Vanderbilt Industries' **lite blue**® offers 2 door web-based access control out of the box with expansion capabilities to 8 devices. Designed in the same manner as our flagship bright blue® controller, utilizing embedded intelligence, **lite blue** does not require special software or a dedicated PC. This convenience allows you the flexibility to manage your system from anywhere with internet access.

lite blue takes simplicity a step further when it comes to cost effective, easy-to-use access control. The **lite blue** controller includes two on-board reader interfaces, thereby allowing for easier installation and greater cost savings. Even better, **lite blue** boasts the same easy-to-use software as bright blue and is easily upgradeable to a full bright blue 32 door system if the need arises to expand your system.

Vanderbilt **lite blue** supports standard Wiegand devices, Schlage AD Series electronic locks, and various card formats and technologies such as proximity, smart card, magnetic stripe and Bluetooth®.

Add integrated video for a complete security solution! Vanderbilt Video Management packages are designed whereby each card swipe can be linked to video and easily retrieved during investigations.

lite blue. Great things come in small packages.

FEATURES AND BENEFITS

- Support for up to 8 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 pushbuttton (via VBB-RI or VBB-NRI)
- Event Notification via email
- 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
- Easily upgradeable to a full bright blue 32-door system
- Video integration available
- Includes enclosure, lock and tamper switch
- UL 294 Certified

UP AND RUNNNG IN NO TIME.

lite blue easily connects to your network using an Ethernet port. Once the controller is installed, simply use any network-connected computer to access and manage your system. Its web-based design makes installation a breeze.

User-friendly and reliable, **lite blue** includes simple configuration wizards and help tips so that even novice computer users will be able to set up and navigate their access control system. The wizards allow you to add personnel, set up doors, and assign personnel access to doors based on time schedules.

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. **lite blue** provides you with three log-on access levels including Administrator, Manager and Operator. 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 **lite blue** controller is also built on a Linux operating system, which means that your system is very stable and secure from external threats.

SPECIFICATIONS

Supports up to 8 devices	2 on-board reader interfaces included on controller panel: (4) Contact Inputs, (2) Form-C Relay Outputs combined
Supports magnetic stripe, 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	3.5"H x 6"W x 7/8"D
Enclosure Dimensions	12 ¼ H x 10 ¼ W x 2 ¾ D
Rating	NEMA 1 rated locking enclosure with tamper switch

ORDERING INFORMATION

VLB - lite **blue**® Controller

ACCESSORIES

lite blue and bright blue controllers share the same product family options and accessories, including:

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

an ACRE company