

VLB *lite blue*™ Controller

OVERVIEW

Vanderbilt Industries' **lite blue**™ offers 2 door web-based access control 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. Built on the Authentic Mercury™ controller platform, 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 2-8 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-Series networked electronic 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
- BAA compliant



UP AND RUNNING 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 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 **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
Supports magnetic stripe, proximity and smart card technologies	
Operating System	Linux
Microprocessor	400 MHz Atmel ARM9-based AT91SAM9G46
Encryption	SSL
Web-browsers Supported	IE v7.0 - 11.0, FireFox v3.6 - 30, Apple Safari v6.1 (OS X only) and Google Chrome v 36 (IE Tab extension required)
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	500mA (excluding peripheral devices)
Operating Temperature	0°C to 70°C; 32°F to 158°F
Humidity	10% to 95° RHNC
Board Dimensions	8" H x 6" W
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

OPTIONS

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

VBB-RI Reader Interface

VBB-NRI Network Reader Interface

VBB-3APS 3A Power Supply

VBB-5APS 5A Power Supply

VBB-10APS 10/20A Power Supply

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