comnet
Communication Networks

lite blue by ComNet is a networked access control platform for up to 8 doors. Designed with embedded intelligence, lite blue does not require special software or a dedicated PC, allowing the flexibility to manage the system from anywhere with internet access. The lite blue platform supports standard Wiegand devices, Schlage AD Series electronic locks, and various card formats and technologies such as proximity, smart card, magnetic stripe and Bluetooth®. Each Controller includes two on-board Reader Interfaces for direct connection of readers and door hardware.

This controller is the main component of an integrated solution that can include ComNet power supplies, Reader Interfaces, readers and credentials.

FEATURES

› Support for up to 8 doors and 5000 cardholders

› Easily upgradeable to a full 32-door system

› Easy-to-Use Setup, including Configuration Wizard

› Includes 2 on-board reader interfaces for direct connect

› Access with any 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

› Three user groups allow management of access rights

› Flashable firmware upgrades

› Video integration available

› Includes enclosure, lock and tamper switch

› UL 294

› Languages Supported: English, Spanish, Portuguese

SPECIFICATIONS

Software

Devices Supported	Up to 8 (2 on-board reader interfaces included on controller panel)
Magnetic stripe	Supported
Proximity	Supported
Smart card	Supported
Operating System	Linux
Microprocessor	400 MHz Atmel ARM9-based AT91SAM9G46
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

Operating Voltage Range	12VDC to 24 VDC
Power Consumption	500mA (excluding peripheral devices)

Mechanical

Board Dimensions	8" H x 6" W
Enclosure Dimensions	12 ¼ H x 10 ¼ W x 2 ¾ D
Enclosure Rating	NEMA 1 rated locking enclosure with tamper switch

Environmental

Operating Temperature	0°C to 70°C
Relative Operating Humidity	10% to 95° non-condensing

MADE IN THE **USA**

ORDERING INFORMATION

Part Number	Description	Included Reader Interfaces	Max Reader Interfaces
VLB	Web-based Access Controller, including 2 on-board reader interfaces	2	8
Included Accessories	Installation Manual and Product CD		
Compatible Options (sold separately)	VBB-RI Reader Interface VBB-NRI Network Reader Interface VBB-3APSD 75W, 6A/12VDC or 3A/24VDC – Switching Power Supply with Charger VBB-6APSD 150W, 12A/12VDC or 6A/24VDC – Switching Power Supply with Charger VBB-10APSD 250W, 20A/12VDC or 10A/24VDC – Switching Power Supply with Charger		

In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

TYPICAL APPLICATION