klowdVUE^{TM} R-300-8 Server /NETWORK APPLIANCE

for Controls-in-a-Box^{TM} and inetAUTOMATION^{TM}

FEATURES

- Based on an open protocol microprocessor and designed to control a variety of HVAC applications.

- Feature-rich network interface.

- Web-based monitoring and control.

- Trending, scheduling, alarming and graphics.

- Interoperable with other open protocol controllers and devices.

- All hardware is built in the USA using eco-friendly, lead-free technology and is RoHS compliant.

- Fan-less, quiet operation

- Single network with up to 64 devices

- Intel processor, 50GB Solid State Drive, 8 GB RAM

Server Specification for Controls-in-a-Box™

Model R-300-8 Server/Network Appliance

Web-based Graphical User Interface
Site Data Collection and Reporting
300-point License

Made in USA

The klowdVUE™ server is a hardware platform for hosting the Octant Innovations inetAUTOMATION™ software suite (which features the low-cost Controls-in-a-Box™ product line). It ships in a wall mount enclosure suitable for indoor equipment rooms. It is capable of serving a web-based user interface for small controls networks. Users can seamlessly integrate LonWorks® and ModBus® networks. It has additional options for BACnetIP and many legacy systems to provide unified controls networks.

The inetAUTOMATION™ suite includes an Open-Architecture browser-based graphical interface allowing users to view and deploy underlying systems without the need of dedicated workstations or client software.

Standard web development software or the built-in Web Editor can be used to create stunning graphics with standard images jpg, gif, png, bmp, swf, and many others. Controls-in-a-Box™ technology updates data screens in the background eliminating the need for page refreshes, maximizing the user experience. The klowdVUE™ server provides a distributed system when multiple units are networked together for scalability and reliability. Multiple servers can be installed for scheduled backup and redundancy purposes on a single network.

HARDWARE

Intel 1.8 GHz Dual Core processor
8Gb RAM and 10/100 NIC
50Gb Solid State Drive for trend, alarm, and application storage
I/O Ports: three USB 2.0, two HDMI video.

SOFTWARE

HMI web portal
LNS LonWorks
Modbus Master RTU/TCP
Plugin Tool, a network device manager
Network Manager.

Microsoft Windows 7 Embedded with
SQL Server - 2012 Database Server and Webserver

CHASSIS

Metal Enclosure
Dimensions: 4.7(W)x3.2(D)x4.7(H) inches
Intended for indoor wall mounting only
Cooling: Passive cooling, fan-less

USB HDMI

Power Supply   Ethernet

USB

FT/10 Plug-in