



The DGBox software stack consists of a state-of-the-art SCADA system and the award winning visualization platform, DGLux. All configuration and setup is done through a standard web browser.



The Appliance Platform Drives Repeatability



Enables Plug And Play Deployments For Reduced Engineering Time And Enhanced Cost Savings



REAL TIME & HISTORICAL DATA COLLECTION

Most standard protocols are supported including IP and Serial. Trending is automatically enabled on all data points that are brought in. Take advantage of the built-in features like WiFi and specialized drivers for XML-based devices such as

Mamac Mavericks and Functional Devices (RIB) IP relays. Http-Retriever is a unique data driver that has the ability to read and write (get & post) to data points on any html web page or XML interface. You can even read data from legacy systems that have no

open protocol, but have a web page.



CONTROL & COMMANDING

Control virtually anything. Need to get real time kWh pricing info from your regions ISO and control the EMS system? Set it up to pull that data from the ISO's page and it becomes a real time data point in the DGBox. You will be able to

control almost anything with a web page such as security systems, generators, IP cameras, and irrigation systems. Want to scan a QR code to bring up the room's setpoint control and lighting level on your iphone - go for it.



ALARMING & SCHEDULING

Create schedules to control any device automatically based on time of day. Multiple schedules can be overlaid on top of each other (Outlook Style) allowing you to draw correlations between the

multiple schedules of your systems on one page.

Enable event detectors that monitor data points, create alarms and email you notifications when something is out

of the ordinary. Get notified immediately when the temperature in your datacenter jumps too high or a security door has been breached.

BACnet IP
BACnet MSTP
Modbus TCP
Modbus RTU
OPC DA
SNMP
EnOcean
Insteon
Philips Hue
Mamac Maverick
MBus
SQL
HTTP Retriever
HTTP Receiver
ASCII File Reader
ASCII Serial
Scripting
POP3 Email
Pachube
Virtual Data Source
VMStat Data Source
Persistent TCP
KNX



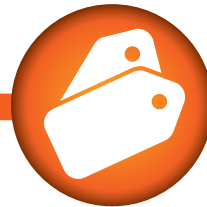
Visualization

DGLux Embedded right in the Box: Take advantage of the full functionality of DGLux to build dashboards and graphics right in the box itself.

Download the free mobile DGBBox app from Apple App store and Google Play store to access your graphics through any iOS and Android mobile device.

Data Publishing

Plug in the DGBBox into a larger ecosystem with multiple Data Publishing options to push information up to a central location including existing Building Management System and hosted Cloud Portals. Data Publishing and sharing is key to a scalable deployment allowing you to easily grow the installation with minimal engineering time and reduced cost. In communicating with each other DGBBoxes can provide a flexible distributed architecture.



Tagging & Logic

Standard automatic tagging as well as custom tagging across all data sources allows for valuable meta-data to be created and utilized in device templates, user interface templates and dynamic content creation. Logic enables configuration of complex relationships between points, schedules and alarming to allow for a truly intelligent system.

OEM

Run the DGBBox software stack on your own hardware.

The DGBBox software stack is capable of running on any hardware that is capable of running a JVM (Java Virtual Machine), if you would like to become an OEM and have your own solution consisting of your own hardware and the DGBBox software stack, contact us to discuss the details. Private Labeling is available with high volume.

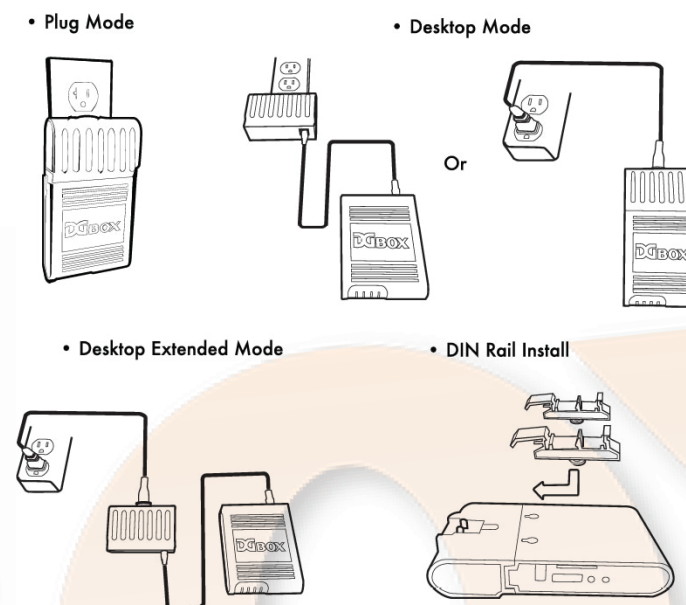
Price

Simple one-time purchase. All software, protocols and future updates are included. No artificial point limits, no maintenance fees.



Simple Setup

1. Plug your box in
2. Connect to it with your web browser
3. Discover your BACnet, Modbus or other protocol devices
4. Bring in your data points
5. Create dashboards and graphics



HARDWARE BOX

Marvel® Sheeva™ Core
Embedded CPU @1.2 GHz
SDRAM: 512 MB 16 bit DDR2 @800 MHz

Flash Memory

4 GB internal mirco-SD
Expandable external SD

Power

Input: 100-240VAC/50-60Hz 19W
DC Consumption: 5V/3.0A
High efficiency detachable AC-DC PSU

High Speed I/O & Peripherals

2 x Gigabit Ethernet 10/100/1000 Mbps
2 x USB 2.0 ports
1 x eSATA 2.0 port - 3 Gbps STAI
WiFi: 802.11 b/g/n
Bluetooth: Bluetooth 2.1 + EDR

Dimensions

H: 108mm W: 58mm D: 24mm

Networking Between Units

-Wireless – WiFi 802.11 b/g/n
-IP/Ethernet – Ethernet Port

