

## PT-201 DDC/BAS Programmer Training Unit

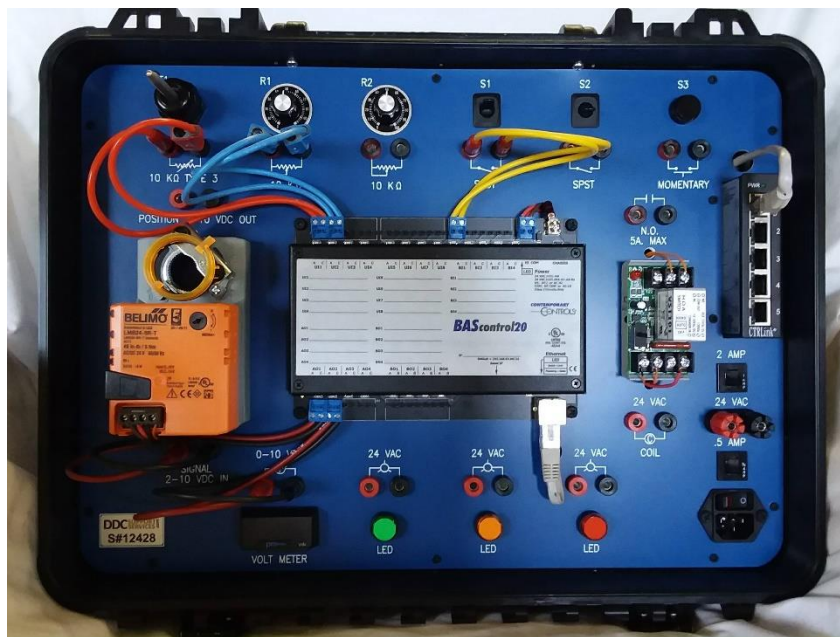
**Building Automation   HVAC Controls   Energy Management   DDC Programming**

### Overview

The PT-201 is a portable training unit specifically designed for the building automation industry. The controller has a built-in web-based configuration dashboard. All inputs and outputs can be wired by the student, resulting in a highly interactive student – trainer experience. The PT-201 is designed specifically for training DDC/BAS programmers who work with programmable unitary controllers.

Graphical object oriented programming is presented using the non-proprietary, open-licensed Sedona Framework® developed by Tridium. The program can be backed up and restored using the provided Toolkit software. The

BAScontrol22 is a unitary Sedona / BACnet IP programmable controller. Programming is done using the included SAE® (Sedona Application Editor). Students create programs in the unitary controller that control the output devices allowing them to experience the results of their programming in real-time. The PT-201s can be operated stand alone or easily networked together for use in a learning center environment. The rugged, weatherproof case



has a built-in handle and a removable cover. The case can be permanently mounted to a tabletop using the integral mounting slots. A variety of banana plug jumper cables are included for controller wiring. A

Student Guide is included containing setup instructions, a wiring schematic, Sedona component descriptions and some basic programming Sequence of Operations (SOO).

The PT-201 DDC/BAS Programming system can be purchased in two versions:

PT-201 Complete – Ready to use out of the box. Pre-tested. Full 1 yr. warranty.

PT-201 Kit – All components, case, backplane, wires, connectors provided.

Wiring diagram and instructions provided for do-it-yourself cost savings.

Limited 1yr. warranty

## Components

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Programmable Sedona 22 point unitary controller with BACnet IP, and web interface

Instrument panel with Input/Output components and 24vac posts

Belimo 2-10vdc Actuator with 2-10vdc position feedback

Relay with HOA switch

0-20 vdc Digital meter

5 port Ethernet switch 10/100mpbs

Banana plug jumper kit with storage pouch

## Specifications

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Power Requirements	50w 120vac 60hz
Operating Temperature	55°F to 85°F
Storage Temperature	10°F to 110°F
Relative Humidity	10 to 95% RH non-condensing
Mounting	5/16" carriage bolts (2) optional
Shipping Weight	20 lbs (not including workbooks)
Dimensions	18.5"W x 14"H x 7"D (w/cover)



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