Delta Controls
Product Catalog

www.deltaelectronicsindia.com

ΔELTΛ

About Delta Controls

Global. Approachable.

Delta Controls is one of the leading manufacturers of building automation control, with more than 300 service providers in over 80 countries. For more than three decades, Delta Controls has offered dependable and user-friendly control solutions for buildings in the commercial, healthcare, education, leisure markets, and more.

One of the largest original equipment manufactures in Canada; Delta Controls leads the way in complete building automation solutions.

Meet our Customer Service Team

Delta Controls customer service team is made up of world-class professionals specializing in Inside Sales, Orders, RMA and Shipping. Our team prides themselves on providing exceptional service and making our customers' life easier and cost effective.

enteliWEB

Facility & Energy Management Software

Manage your facilities from anywhere. Use enteliWEB to centralize your building management operation and collect real-time data about energy use in your facilities. Take action with easy-to-use facility management tools and customizable dashboards for all users. With enteliWEB, the power of your smart building is at your fingertips.

View your building your way and control multiple systems through one interface.

Key Features

Energy Analytics
Make smart energy management decisions through the intuitive user interface including customizable menus and widgets.

Engineering Tools
All the tools you need to administrate your building network, with personalized dashboards for every person.

Centralized Energy Management
Take control of your stand-alone building or multi-site network using a consistent, powerful system. With power integration capabilities, alarms, and audit logs, you're never in the dark.

DELTA

Energy Dashboard

Educate. Evaluate. Earthright.

Be proud of your building's efficiency. Use the Earthright Energy Dashboard to communicate your real-time and year-to-year energy conservation results with your occupants. Get people involved with your energy conservation efforts using an interactive dashboard in your building's lobby or other public areas. Promote conservation, gain LEED points, and make your impact known.

Show off your building's green initiatives while actively conserving energy.

Key Features

Single Installation. Multiple Viewing Platforms.
Interactive kiosks
Lobby displays
Web browsers

Custom Setup
Show off the green initiatives that are important for your facility. Display conventional utilities such as electricity, water, and gas, or customize the display to show utilities such as steam.

enteliTOUCH

Touchscreen Building Controller

Get instant access to the heart of your BAS. The enteliTOUCH has a 7-inch, high-resolution display that serves as an interface to your building. Use it as your primary interface for smaller facilities or as an on-the-spot access point for larger systems. The intuitive, easy-to-navigate interface gives instant access to manage your BAS.

Control your building with customizable and intuitive graphic navigation.

Key Features

Customized Experience
The enteliTOUCH provides customizable and intuitive graphic navigation of your system.

All the Options You Need
The enteliTOUCH comes with a temperature sensor and optional motion sensing.

Flexibility Defined
Add-ons provide web server capabilities or turn the enteliTOUCH into a wireless hub for other devices.

DELTA

enteliBUS

Modular. Expandable. Flexible.

The enteliBUS Control System is a powerful, fully programmable BACnet controller that features modular, expandable I/O up to over 300 points. enteliBUS has hot-swappable I/O modules for fast and easy installation. With HAO switches, save your equipment from short cycling and make troubleshooting a breeze. Use enteliBUS as a BACnet router or join multiple network segments.

Join multiple network segments while reducing troubleshooting downtime.

Expandable to over 300 I/O points

Key Features

Hot Swappable
Multiple, configurable modules can be changed out while enteliBUS is powered. Reduce downtime for troubleshooting.

HAO Switches
Outputs use manual Hand-Auto-Off switches. You can change from Auto to On or Off without short-cycling equipment.
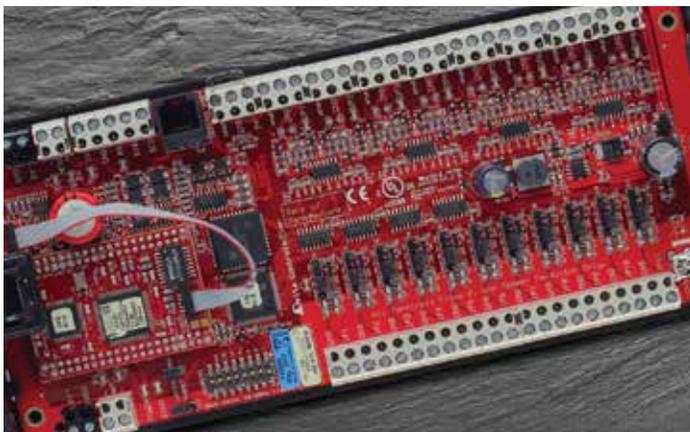
DSC

Delta System Controllers

DSCs are perfect for controlling critical equipment such as air-handling units or hydronic systems. DSCs provide programming flexibility and include features such as memory backup and a battery-backed, real-time clock.

Control your critical equipment with the real-time clock and memory backup.

Key Features

Control Your Network

The real-time clock and memory backup make the DSC ideal for managing your network or controlling critical equipment.

A Flexible Array of Sizes

The DSC comes in an array of sizes. Use it to control small terminal units or to take care of your central plant.

enteliZONE

Fan Coil Controller

The enteliZONE Fan Coil Controller uses the speed of pre-built, configurable algorithms to save you time during installation. With universal outputs and your choice of TRIAC or on-board relays, enteliZONE Fan Coil Controllers give you the flexibility to tackle a variety of applications.

Take advantage of pre-built algorithms to make diverse applications possible.

Key Features

Configurable and Programmable
enteliZONE controllers are configurable, programmable or a hybrid of the two. Take advantage of the speed of pre-built algorithms while using custom programming to make diverse applications possible.

More Control
enteliZONE VAV controllers use universal outputs to give you more flexibility.

enteliZONE fan coil controllers give you a choice between TRIAC outputs and on-board relays, ensuring you can control any fan coil.

DAC

Delta Application Controllers

DACs are fully programmable, native BACnet controllers that come in a variety of capabilities and I/O configurations to fit the needs of every project. DACs are available in RS-485 or Ethernet, allowing for economical and fast networks at every level of your system.

Take Ethernet to the lowest levels of your network and get unprecedented speed and response times.

Key Features

Ethernet Capable Models
A variety of DACs are available in Ethernet and PoE. This allows you to take Ethernet to the lowest levels of your network, giving you unprecedented speed and response times.

Versatility
Take advantage of proven application controllers that are adaptable to take on a variety of unitary equipment applications such as fan coils, AHUs, or small boilers and chillers.

NELTA

DVC

Delta VAV Controllers

Delta Controls VAV Controllers are the smart choice for any VAV project. With integrated Belimo actuators and multiple I/O options, DVCs are the fully programmable solution for any VAV configuration. Use DVC PoE models to simplify your network, reduce wiring costs and get more data from your system.

Get ready for the IoT networks of the future while getting more data out of your system.

Key Features

More Options. More Data.

Using Ethernet or PoE at every level of your network allows you to get more data out of your system. This makes building analytics more powerful and gets you ready for the IoT networks of the future.

Tackle any VAV

DVCs come with multiple actuator options and I/O configurations. They're fully programmable so you can handle any configuration of VAV.

eZNS

enteliZONE Network Sensor

With fully customizable faceplates and button layout, the eZNS provides you with the flexibility to manage the unique requirements of your building. Notify your users of alerts with configurable colors and customize the interface layout to streamline your occupant experience.

Streamline user experience with configurable colors and customizable interface layouts.

Fast Configuration

Save time with NFC set-up. Configure your eZNS in the box before stepping foot onsite.

Place your device over the target **NFC device** to read data.

CUSTOM **LOGO**

CREAM WHITE   SLATE GREY   CHARCOAL

Advanced Control Strategies

Pair the eZNS with an application controller to save energy and money by enabling advanced control strategies such as demand control ventilation.

eZNT
enteliZONE Network Thermostats

The eZNT reaches beyond the expectations of standard, network thermostat while remaining focused on cost-effectiveness. Fully programmable and with customizable button overlays, RGB backlighting, and NFC set-up, the eZNT provides the dependable, onboard control you expect from a Delta Controls thermostat.

Use a wide array of applications to suit your specific requirements.

Clear Communication

Communicate the room's status with the color-changing RGB display. Provide occupants with at-a-glance updates about temperature, humidity or other building events.

Wide Array of Sensing Applications

From basic temperature monitoring to occupancy detection, the eZNT excels at a wide range of sensing applications.
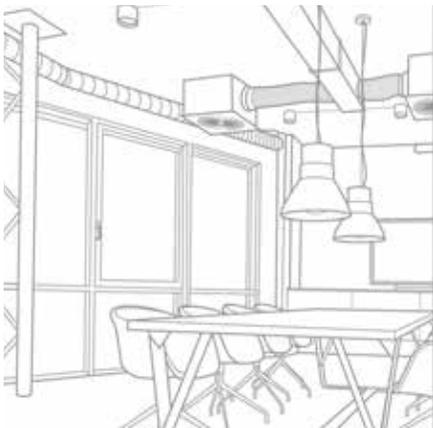
eZNTW

enteliZONE Network Thermostats

The eZNTW combines the flexibility of EnOcean wireless communication and Wi-Fi with the functionality of a fully programmable Delta Controls thermostat. Provide at a glance feedback with the configurable RGB backlit screen and provide a flexible user experience with fast, wireless communication.

Handle any application with fully equipped EnOcean wireless connectivity.

Wireless Connectivity

Don't let the time and cost of wiring dictate where your thermostat is installed. Take advantage of the freedom offered by the eZNTW's wireless capability.

Seamless Integration

Eliminate the need for multiple sub-networks by integrating with a wide array of devices using EnOcean wireless connectivity.

O₃ Sensor Hub

O_3 **Sensor Hub**

Think. Sense. Speak.

With a top-down view from the center of the room, the O3 Sensor Hub detects motion, sound, light, and temperature with new levels of accuracy. With a complete sensor package, O3 provides your BAS with the data it needs to make economical and occupant-friendly decisions.

Use sensor fusion to detect motion, sound, light, temperature, and occupancy with new levels of accuracy.

Key Features

Communicate with occupants via RGB light ring and integrated speaker

Save time with easy-to-install mounting plate
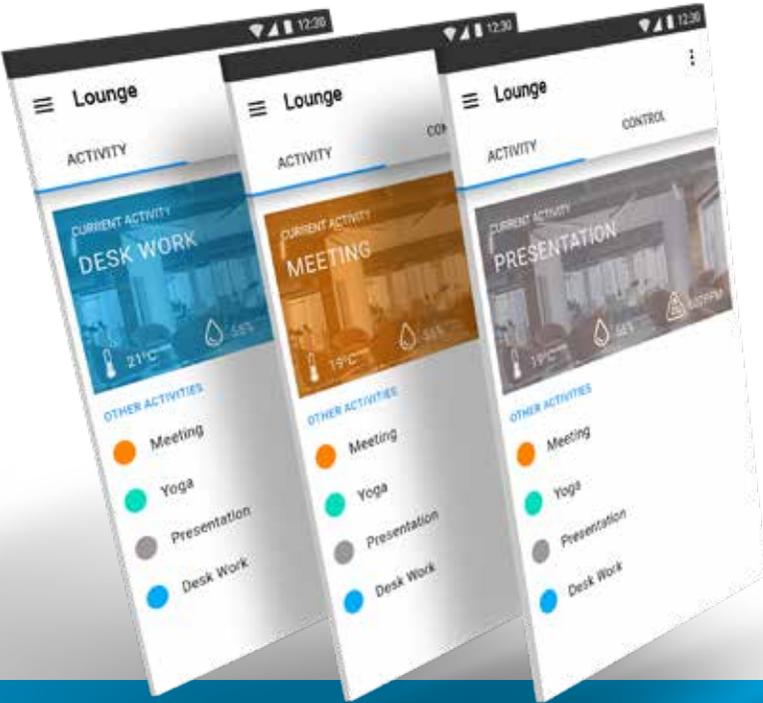
SENSOR FUSION

Detect occupancy using sound and motion

Measure surface temperatures precisely with IR sensors

Combine temperature, humidity, light, and motion in a single package

O₃ App
Your Room. Your Way.

Take control of your space with the Delta Controls O3 App. Connect with your O3 system via Bluetooth and create profiles to take control of HVAC, lighting, blinds and other peripherals. Dim lights for presentations, optimize energy savings with eco modes or create the perfect lighting for productivity. Coupled with your O3 Sensor Hub, your space knows what you need before you have to ask.

With Bluetooth connectivity, the O3 App always knows where you are.

Key Features

Configurable, activity-based profiles for each room based on what you're doing

Eco-friendly profiles to ensure that you can save energy without sacrificing comfort

Communication with your O3 system through Bluetooth ensures your preferences carry over to each room.

DELTA

O₃ Room Controller

Modular Room Integration

The O3 Room Controller is DIN rail mountable and combines modular I/O with room-level integration.

The O3 is a complete solution that combines HVAC, access and lighting control in a modular system. It combines multiple protocols and I/O points in one unit.

ASHRAE BACnet™   DALI   enocean®   SMI STANDARD MOTOR INTERFACE   Modbus   Bluetooth®   NFC

Control HVAC, access and lighting with just one controller.

Key Features

Universal I/O
No more inputs and outputs. Use universal points to control or read from field equipment. Reduce engineering and product costs by being able to use every point on the board.

Modular Room Integration
Connect to DALI, EnOcean and Modbus by adding modules. Control HVAC, access and lighting without having to run separate networks.

eZVPE
Dual Ethernet Ports

With dual Ethernet ports, the eZVPE gives you the power to build network segments without the need for running new Ethernet cable for each controller. By linking multiple eZVPE controllers in your system, you will not only save on installation cost but create an easy to troubleshoot, networked solution.

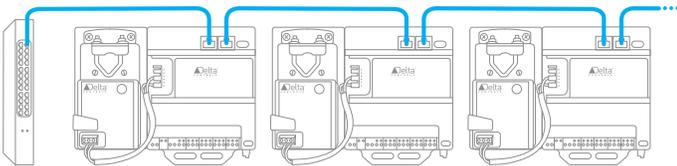Handle any configuration and maintain power over network segments while saving on cost.

Key Features

Flexibility
With multiple actuator options and I/O configurations, the eZVPE can handle any configuration of VAV.

Dual Ethernet
Connect a chain of multiple eZVPE controllers using high-speed, dual Ethernet ports.

DVC PoE

VAV Controllers

The Delta VAV Controller PoE provides a powerful and economical solution for VAV applications. With Power over Ethernet (PoE), the DVC PoE provides high-speed communication and simplified wiring with a single Ethernet cable.

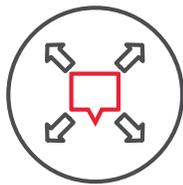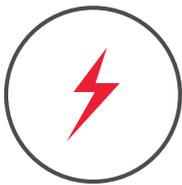## With a single cable, you'll get high-speed communication and simplified wiring.

Key Features

Fully Integrated
With direct mount housing, the DVC PoE integrates the controller, damper actuator and airflow sensor into a single, easy to install package.

Power and Speed
Improve your analytics by getting fast, reliable data from the lowest level of your network with the DVC PoE.

DAC PoE

Delta Application Controllers + Power Over Ethernet

The Delta Application Controller PoE is a powerful, fully programmable BACNet controller featuring Power over Ethernet (PoE). PoE provides high-speed communication and power with a single Ethernet cable.

Eliminating the need for additional wiring, the DAC PoE reduces the complexity of your system by leveraging your existing IT infrastructure.

Leverage your existing IT infrastructure and eliminate costs with the power of a single Ethernet cable.

Key Features

Simplify Wiring
Eliminate the costs and complexity associated with additional wiring.

Flexibility
Increase the flexibility of your network by simplifying the process of adding new equipment to your system.
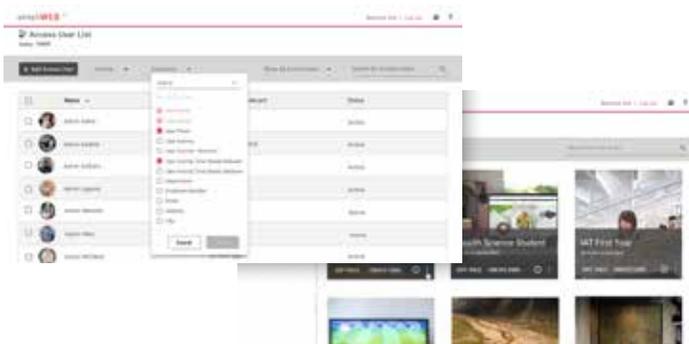
△ DELTA

O₃ Access System

O3 DIN CPU + O3 DIN Access

The access control system extends Delta's building automation system by integrating seamlessly with Delta Controls HVAC and Lighting applications. This gives you total control over your room, from the doors to the blinds and lights, there's nothing you can't control.

Our access system ensures simple connection for the security of your building.

Customize user roles & permissions with intuitive enteliWEB Access Dashboard

Key Features

Synchronize access users across your building with enteliSYNC

Multi-factor authentication, local authorization, and optional anonymized users ensure the protection of your personal data

Add Power Injector Modules to control up to 24 doors on a single CPU, or save on installation by adding available PoE

UL 294 / UL 916 certified
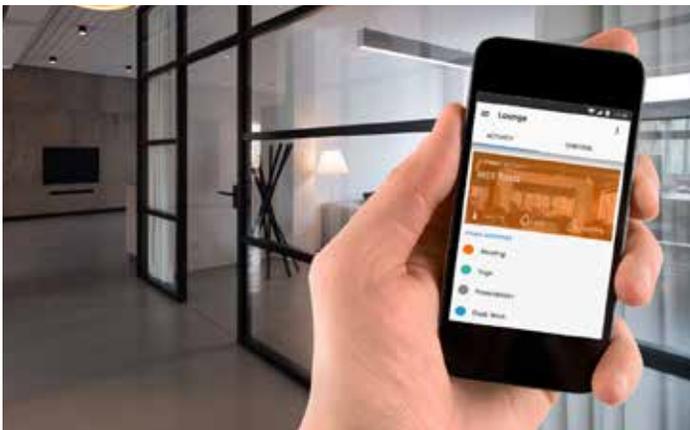
OSDP protocol and Weigand input ready

O₃ DIN-DALI Module

DALI Integration

Adding to the versatility of our O3 Room Controller, the O3 DIN-DALI module allows your system to integrate with the DALI devices in your space. Increase your flexibility and decrease your system's complexity with full integration at all levels of your network.

Integrate with DALI devices and increase flexibility at all levels of your network.
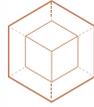
Key Features

Seamless Integration
The O3 DIN-DALI module provides seamless integration between your DALI devices and your BACNet system.

Versatile Lighting System
With access to DALI, you're provided with a versatile lighting system integrated directly into your BACnet system.

NELTA

CopperCube

Built Solid to Secure Your Data

CopperCube is your solution for archiving trend logs in a resilient, industrial computer. With an IT-friendly design and easy-to-navigate user interface, CopperCube manages up to 5,000 individual trend logs so you can get the most out of you BAS without the need to for complex server installations.

Make tasks simple and efficient while keeping your data safe.

Key Features

External Archiving
Schedule data backups to occur externally. Keep your data out of harm's way.

Multi-site
Archive data from multiple sites over WAN intranet.

Built-in UI
Configure settings directly in the CopperCube. The embedded UI makes tasks efficient and straightforward.

DPM

Energy Meters

Delta's Power Meter (DPM) Series offers a precise measurement of various electrical energy values, and power quality parameters, including power factor, harmonics, and current / voltage unbalance, with functions such as off-limit alarms and history logs. It provides exceptional communication quality and monitoring functions.

Highly precise measurements along with exceptional communication quality.

Key Features

High-Precision Power Measurement

Highly precise measurement of bi-directional electrical energy and power parameters, meeting Class 0.5S of IEC62053 and CNS14607 standards.

Supports power quality measurement, including total and individual harmonic distortion, voltage and current unbalance, and more.

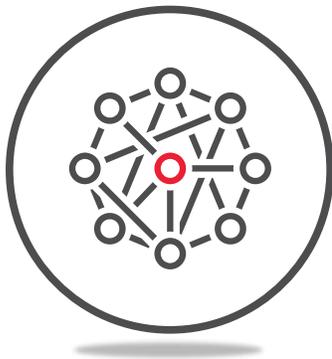Supports 31st harmonics distortion measurement.

DVS

Industrial Ethernet Switches

The DVS series switches include 5, 8, and 16-port smart switches. Except for the DVS-005I00, the DVS series switches are equipped with intelligent alarm function and allow a wide range of operating temperature (-40 to 75). The DVS series switches are designed to support the application in any rugged environment and comply with UL, CE and FCC standards.

Designed to support applications in any rugged environment.

Key Features

Industrial Design for the HVAC market
10/100Bas-T(X) (RJ45), 100Base-FX (SC/ST-Type Single/Multimode)

EEE 802.3/802.3u/802.3x

Auto-negotiation speed

Auto MDI/MDI-X

Industrial Grade Reliability

Relay output port support power failure, port break alarm

Redundant dual DC power inputs

21 CFR Part 11

enteliWEB integrates features that include electronic signatures, user and group-based permissions, secure user authentication with LDAP intuitive, detailed user log reporting, and scheduled system backups. All these features come together to provide compliance with 21 CFR Part 11.

enteliWEB's intuative workflows make it the ideal building management tool for pharmaceutical manufacturers, biotech companies and medical equipment manufacturers. We make it simple to comply with the regulations that help make critical product manufacture consistent and safe.

UL 864

Delta Controls offers a wide selection of products with UL 864 certification. No two systems are alike and we believe that you should be able to economically engineer any system using the right products. When it comes to fire, smoke and safety no corners can be cut. Because of this, all products with the UL 864 certification are designed from the ground up to meet or exceed the certification standards. Our enteliWEB Operator Work Station (OWS) is also UL 864 certified to ensure that you can maintain safety while conveniently managing the rest of your building without extra training for staff.

Integration

Delta integrates devices at every level of the system architecture. We have Modbus modules for use with our standard application controllers, or you can integrate entire networks using one of our gateways. at the room level, we integrate DALI, Enocean, SMI, Modbus, Bluetooth and NFC. With all our integration options you can control access, lighting, HVAC, energy management, and more into a single system. We make it easy to control every aspect of your building.
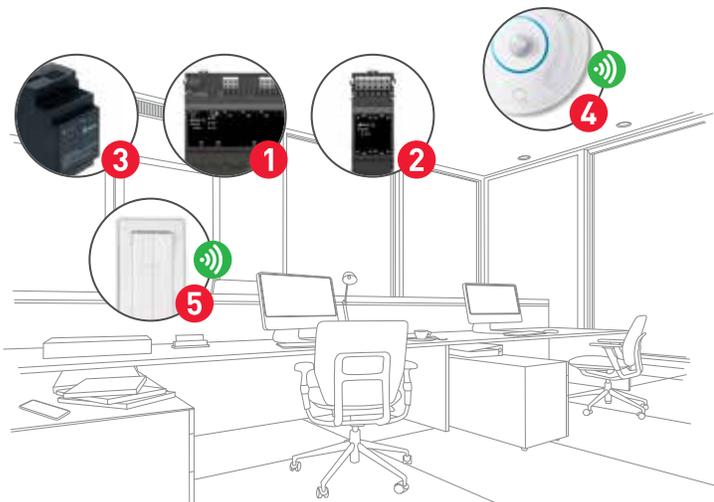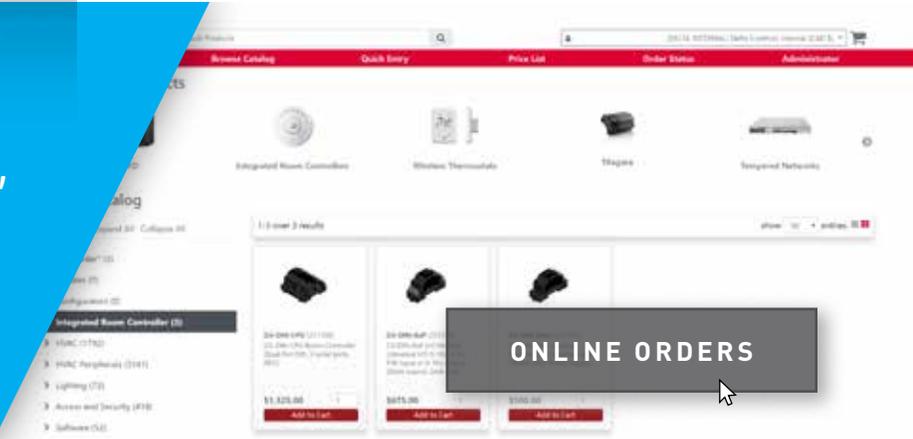
Product Bundles

Combine & Save

Delta Controls offers product bundles, making it easy for you to buy commonly purchased parts and save on your orders. To check out all options visit online orders and start saving money today!

Visit the new Online Orders, to start saving on Product Bundles today!

ONLINE ORDERS

Featured Bundle: O3 Room Experience

The O3 is a complete solution that combines HVAC, access and lighting control in a modular system.

1. O3-DIN-CPU | Fully programmable O3 Room Controller
2. O3-DIN-8xP | O3 I/O Module
3. DRC-24V30W1AZ | Line Voltage DC Power Supply
4. O3-HUB En902 | O3 Sensor Hub
5. ETHR2U-W | EchoFlex Dual paddle resonate switch

EnOcean® | 902MHz wireless connectivity

Jace 8000

Optimum Performance.

The JACE 8000 is a compact, embedded IoT (Internet of Things) controller and server platform for connecting multiple and diverse devices and sub-systems. With Internet connectivity and Webserving capability, the JACE 8000 controller provides integrated control, supervision, data logging, alarming, scheduling and network management.

Streams data and rich graphical displays to a standard Web browser via Ethernet, wireless LAN, or remotely over the Internet.

Key Features

Removable micro-SD card with 4GB flash total storage/2GB user storage

USB type A connector Back-up and restore support

(2) isolated RS-485 with selectable bias and termination

(2) 10/100MB Ethernet ports

24VAC/DC power supply

Runs Niagara 4.1 and later

Real time clock

Batteryless

![Delta Electronics logo]

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