GENERAL INFORMATION

The Paradigm Central Control Server scales up Paradigm systems to master the most complex lighting venues. By integrating a native BACnet® communication system and incorporating ETC Virtual and Large-format Touchscreens, Paradigm Central Control Server achieves the most comprehensive building-wide control.

APPLICATIONS
• Hotels
• Museums
• Casinos
• Conference Centers
• Theme Parks

FEATURES
• Designed for use with Unison Paradigm Architectural Control Systems
• Provides a central interface and control for multiple discrete control systems
• Virtual Touchscreen Stations (VTS) and large-format touchscreen integration
• Native BACnet IP interface for integration with Building Management Systems (BMS)
• Supports BACnet event scheduling to ensure lighting events occur on time, even when the BACnet system is offline
• Provides network time synchronization for all ETC lighting products in the system
• Provides persistent error logging for the entire lighting control system
• LightDesigner™ Access – Web browser interface for easy modification, activation and monitoring of your system

ORDERING INFORMATION

Paradigm Central Control Server

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-CCS</td>
<td>Unison Paradigm Central Control Server</td>
</tr>
</tbody>
</table>

Compatible Unison Paradigm Controls

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-ACP</td>
<td>Unison Paradigm Architectural Control Processor</td>
</tr>
<tr>
<td>P-TS18</td>
<td>Unison Paradigm 18” Touchscreen</td>
</tr>
<tr>
<td>P-TSI</td>
<td>Unison Paradigm Touchscreen Interface</td>
</tr>
<tr>
<td>P-VTS</td>
<td>Unison Paradigm Virtual Touchscreen Application</td>
</tr>
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</table>
**MECHANICAL**
- Designed for use in Unison Paradigm Architectural Control Systems
- Self contained electronics assembly
- Enclosure made from 16-gauge formed steel and finished in a black, fine-texture powder coat
- 1U, 19-inch equipment rack mountable
- Backlit power switch with blue LED status indicator
- Standard connections for the following interface
  - Front Panel USB connection
  - RJ45 Ethernet connection for Lighting Network
  - RJ45 Ethernet connection for Building Lighting Network (BACnet and VTS)
  - (4) Rear panel USB connections
  - (1) RS232 Serial port (diagnostics only)
- Internal hard drive for storage of configuration data

**ELECTRICAL**
- 100-240VAC, 50/60 Hz power input
- Microprocessor based technology to provide system wide, multi-project lighting and building controls
- (2) IEEE802.3u compliant Ethernet connections
  - Primary port for connection to lighting systems for Virtual Touchscreen Interfaces
  - Secondary port for connection to BACnet systems and Virtual Touchscreen Interfaces
- Automatic restore to previous power state when returning from power loss
- System configuration and programming information stored in persistent memory
- Support of ESTA ANSI E1.17 Advanced Control Networks
- ETL and cETL LISTED, CE marked

**THERMAL**
- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 5-95% non-condensing

**SPECIFICATIONS**

**FUNCTIONAL**
- Capacity
  - Supports up to 48 Paradigm Architectural Control Processors
  - Supports up to 12 individual Paradigm project configurations
- System
  - Multi-user LiveControl and LiveEdit
  - Network Time Protocol for real-time clock synchronization supporting real and astronomical events
  - Addition of processors to a system proportionately increases the overall capacities
  - Failure of a single Paradigm ACP does not prevent continuous operation of the remaining connected systems
  - Logging of system error messages using Syslog format
  - Support for ANSI / ASHRAE 135.1 BACnet IP protocol
- Diagnostics
  - Event logs are stored in persistent memory using Syslog format
  - Standard log shall store a history of recent activity
- Configuration Data
  - Remote upload from a connected PC running LightDesigner or another connected Paradigm ACP
  - Stored in persistent memory
  - Remote retrieval from a connected PC running LightDesigner
- Scalability
  - Supports up to 12 Paradigm ACP in a single project (pcf)
  - Supports up to 48 Paradigm ACP in a single Central Control Server project (spcf)
  - Supports network time service for synchronization of time and timed events
  - Supports multiple Paradigm projects on the same Ethernet network with logical limits between systems
  - Allows for timed event configuration from an external source using BACnet IP
  - Provides remote use of customized Virtual Touchscreen application (VTS)
- Web User Interface
  - Internal web server accessible via the primary Ethernet port
  - Activate and deactivate presets
  - Schedule global timed events (add/edit/delete)
  - Displays status information and log files
  - Configuration of server settings (date, time, network)
**Unison Paradigm® Central Control Server**

**Unison® Control Series**

**PHYSICAL**

### P-CCS Dimensions*

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
<td>inches</td>
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<tr>
<td>P-CCS</td>
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*Weights and dimensions typical

### P-CCS Weights*

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<th>MODEL</th>
<th>WEIGHT</th>
<th>SHIPPING WEIGHT</th>
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<td>kgs</td>
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<tr>
<td></td>
<td>lbs</td>
<td>kgs</td>
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<tr>
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<tr>
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<td>9.10</td>
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</tbody>
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Front View

Rear View

Top View

Side View