



Today's advanced embedded access control solution. Faster to deploy and configure, it's simple, self-contained & scalable for a few doors to over 500.



More cost-effective to deploy because it's Web-Browser-Managed. There's no more software to load or license.\* It includes a full line of E-Access-dedicated controllers and ultra-fast readers, a dedicated App & integrated mobile credential - All using today's latest, proven technologies.

## Why E-Access?

- Continental's E-Access® is a new embedded access control platform, for systems from 1 to 128 doors, up to 64 panels or controllers
- For even larger requirements, add a 2<sup>nd</sup> server & scale to 256 panels/512 doors
- **Faster & More Cost-Effective - No Software to load or license** (after one-time cloud activation\*)
- **Use Any Popular Web Browser, Anywhere**, with E-Access' Embedded Linux Operating System
- **Comprehensive Scalable Line-up** of 1-, 2- and 4-Door Expandable Controllers with choice of super-fast readers NFC, Prox, BLE, HF/Mifare
- **Management App with Integrated Mobile Credential Included**
- **No-Touch Bluetooth Mobile Credentials & Automated 1-Click Credential Issuing**
- **Fast System Setup** - Configuration Wizard; Auto-Populates holidays; Integrated flat file import tool; Bulk uploading of users & credentials
- **Hybrid Access Control** - Embedded Solution with the advantages of an onsite system
- **Secure End-to-End Communications, SSL, AES 256 Bit Encryption**
- **3-Year Warranty**

# Embedded Access Control System Features & Options

## E • Access Embedded Single-Door Controller

**CAE-1DC 1-Door Controller, with Mobile App, requires 12 VDC power** (sold separately)

**FEATURES:**

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 2 Reader Ports – 1 In / 1 Out
- 2 Form C Relays – 1 Lock / 1 Auxiliary
- 3 Inputs – 1 Request to Exit, 1 Door Position Switch, 1 Auxiliary
- ETL / UL294
- 1Gigabit Auto Sensing Ethernet Port
- Includes Mounting Bracket
- 3-Year Hardware Warranty



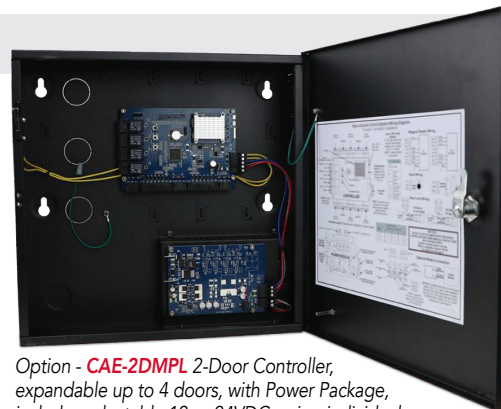
**POE-1DC**  
12VDC 2A POE Power Supply Accessory

## E • Access Embedded 2-Door Controller

**CAE-2DC 2-Door Controller, Expandable up to 4 doors**

**FEATURES:**

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- Expandable to 4 doors in same housing with CAE-ACM
- 4 Reader Ports – 2 In / 2 Out
- 4 Form C Relays – 2 Lock / 2 Auxiliary
- 6 Inputs – 2 Request to Exit, 2 Door Position Switch, 2 Auxiliary
- ETL / UL294
- 3-Year Hardware Warranty



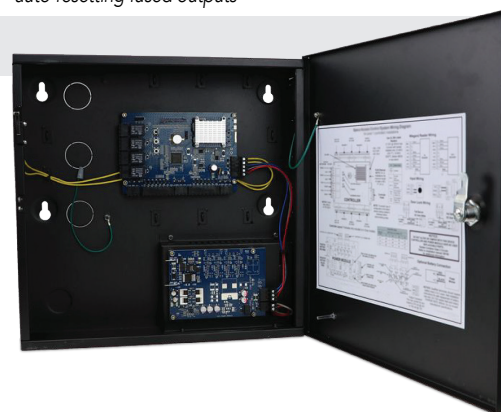
Option - **CAE-2DMPL** 2-Door Controller, expandable up to 4 doors, with Power Package, includes selectable 12 or 24VDC, using individual auto-resetting fused outputs

## E • Access Embedded 4-Door Controller

**CAE-4DM 4-Door Controller**

**FEATURES:**

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 8 Reader Ports – 4 In / 4 Out
- 8 Form C Relays – 4 Lock / 4 Auxiliary
- 12 Inputs – 4 Request to Exit, 4 Door Position Switch, 4 Auxiliary
- ETL / UL294
- 3-Year Hardware Warranty



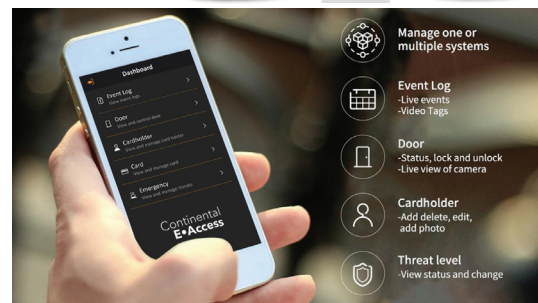
## E • Access Readers

**FEATURES:**

- Ultra-Fast transaction times, under a second
- Wiegand & OSDP support; Auto-Detects either over the same wires
- Bluetooth Low Energy
- No-Touch Bluetooth Mobile Credentials & Automated 1-Click Credential Issuing
- 3-Year Hardware Warranty

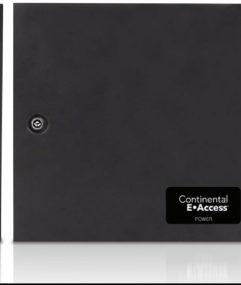
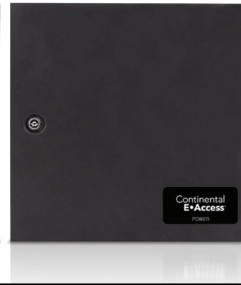
**READERS:**

- CAE-ET5** Mullion Mount Reader NFC, HF / 13.5 MHz Mifare
- CAE-ET10** Mullion Mount Reader NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare
- CAE-ET20** Single Gang Reader NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare
- CAE-ET25** Single Gang Reader w/ Keypad NFC, Proximity, Bluetooth, HF / 13.5 MHz Mifare



- Manage one or multiple systems**
- Event Log**  
-Live events  
-Video Tags
- Door**  
-Status, lock and unlock  
-Live view of camera
- Cardholder**  
-Add, delete, edit, add photo
- Threat Level**  
-View status and change

# Web-Browser Based Embedded Controllers



	CAE-1DC	CAE-2DM	CAE-2DMPL	CAE-4DM	CAE-4DMPL
<b>Wiegand Readers; Doors</b>	2 Readers for 1 Door only, 1 In / 1 Out Reader	2, Expandable to 4 total, 1 In / 1 Out Reader for up to 2 Doors or 1 In Reader for up to 4 Doors	2, Expandable to 4 total, 1 In / 1 Out Reader for up to 2 Doors or 1 In Reader for up to 4 Doors	8, 1 In / 1 Out Reader for up to 4 Doors	8, 1 In / 1 Out Reader for up to 4 Doors
<b>Scalable for Max. Number of Doors / System</b>	128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors	128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors	128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors	128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors	128 Doors, up to 64 Panels; or w/ 2nd Server 256 Panels / 512 Doors
<b>Request to Exit (REX) Inputs</b>	1 Total, One for Each Door	2 Total, One for Each Door	2 Total, One for Each Door	4 Total, One for Each Door	4 Total, One for Each Door
<b>Door Position (status) Inputs</b>	1 Total, One for Each Door	2 Total, One for Each Door	2 Total, One for Each Door	4 Total, One for Each Door	4 Total, One for Each Door
<b>Auxiliary Inputs</b>	1 Total, General Purpose	2 Total, General Purpose	2 Total, General Purpose	4 Total, General Purpose	4 Total, General Purpose
<b>Tamper Digital Input</b>		Yes	Yes	Yes	Yes
<b>Power Fault Digital Input</b>		Yes	Yes	Yes	Yes
<b>Door Lock Outputs</b>	1 Form C Relay, 24V @ 1.0A	2 Form C Relay, 24V @ 2.0A	2 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A
<b>Auxiliary Outputs</b>	1 Form C Relay, 24V @ 1.0A	2 Form C Relay, 24V @ 2.0A	2 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A
<b>Processor</b>	Quad Core Cortex, 1.5 GHz	Quad Core Cortex, 1.5 GHz	Quad Core Cortex, 1.5 GHz	Quad Core Cortex, 1.5 GHz	Quad Core Cortex, 1.5 GHz
<b>Memory</b>	1 GB DDR3 & 8 GB eMMC	1 GB DDR3 & 8 GB eMMC	1 GB DDR3 & 8 GB eMMC	1 GB DDR3 & 8 GB eMMC	1 GB DDR3 & 8 GB eMMC
<b>Operating System</b>	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
<b>Fast Transaction Processing</b>	> 60 per second	> 60 per second	> 60 per second	> 60 per second	> 60 per second
<b>System Power Requirements</b>	Regulated 12VDC @ 2A, Class 2 (not supplied)	115VAC @ 1.5A	115VAC @ 1.5A	115VAC @ 1.5A	115VAC @ 1.5A
<b>Operating Temperature</b>	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)
<b>Enclosure Size (W x H x D)</b>	3.2" x 3.0" x 1.3"	14.25" x 14.25" x 3.75"	14.25" x 14.25" x 3.75"	14.25" x 14.25" x 3.75"	14.25" x 14.25" x 3.75"
<b>Internal Power Supply</b>	350mA @ 12V, (Power not included)	Controller & Readers Only	Controller, Readers & 12V and 24V DC for Door Locks	Controller & Readers Only	Controller, Readers & 12V and 24V DC for Door Locks
<b>Lock Output Power</b>			12VDC, 700 mA 24 VDC, 350mA		12VDC, 700 mA 24 VDC, 350mA
<b>Battery Backup</b>		Controllers & Readers Only	Controllers & Readers, & Door Locks	Controllers & Readers Only	Controllers & Readers, & Door Locks
<b>Rechargeable Backup Battery (Sold separately)</b>		12V, 7AH, Sealed Lead Acid	12V, 7AH, Sealed Lead Acid	12V, 7AH, Sealed Lead Acid	12V, 7AH, Sealed Lead Acid
<b>Standby Power Requirement</b>	350mA @ 12V	400mA @ 12V	450mA @ 12V	400mA @ 12V	450mA @ 12V
<b>Reader Power</b>	300mA @ 12V Max per Reader; 600mA @ 12V Max per System	300mA @ 12V Max per Reader; 1000mA @ 12V Max per System	300mA @ 12V Max per Reader; 1000mA @ 12V Max per System	300mA @ 12V Max per Reader 1000mA @ 12V Max per System	300mA @ 12V Max per Reader 1000mA @ 12V Max per System
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years	5 Years

# Embedded Access Control System Features & Options

	Standard System	Upgraded System
<b>Model</b>	<b>1, 2 &amp; 4 Door Panels</b>	<b>W/ Software Upgrade</b>
<b>Module Configuration</b> [includes inputs/outputs]	Server / Client - 1 Door Module, 2-Door & 4-Door Module	CAE plus 1 Cab 8 Floors Elevator
<b>Reader License/System</b>	32 in / 32 out readers	128 in / 128 out readers
<b>Outputs Per Board</b>	Varies by model: 2 Relays, 2 Inputs, 2 Wiegand ports (In/Out) per door	
<b>Standard Output Max Capacity</b>	64	256
<b>Outputs Times</b>	Hours, Min, Sec., by set time and or repeat Qty.	
<b>Inputs Per Board</b>	3 Dig. inputs per door plus 2 Pre-assigned (Tamper, Pwr Supervision)	
<b>Input Types</b>	NO Parallel Resistor, NO Series Resistor, NO Unsupervised, NC Parallel Resistor, NC Series Resistor, NC Unsupervised	
<b>Standard Max Input Capacity</b>	96	384
<b>Virtual Inputs</b>	_____	API - Option
<b>Predefined Door Configuration</b>	Lock, Propped (Output) REX, Door Position (Input)	
<b>REX, DSM - On / Off</b>	Yes	
<b>Aux Outputs Option</b>	Assignable - Timed, Forced, Shunt with or without DPS	
<b>Power (per board)</b>	Varies by model	
<b>Battery Charging</b>	1 / 7AH Batteries* Plus Model Only	
<b>Language, Log on by User</b>	English, Spanish, French, option for others	English, Spanish, French, option for others
<b>Total System Access Levels</b>	25	125
<b>Users per system</b>	1,000	5,000
<b>Mobile Management App</b>	Yes	Yes
<b>User Photos</b>	0	5,000
<b>Access Cards</b>	32,000	128,000
<b>Cards Per Person</b>	12	32
<b>e-Mail Alert / Notification</b>	Yes	Yes
<b>Binary Card Decoder</b>	Yes	
<b>Wiegand Format Lengths</b>	64 bit	64 bit
<b>User-Defined Data Fields in Personnel Records</b>	5 user fields	10 user fields
<b>Integrated Flat File Database Import Tool</b>	Yes	
<b>Day Light Savings Time "DST"</b>	Automatic, Editable dates if future requirement	
<b>SMTP</b>	On / Off Manual, PC Sync	On / Off Manual, PC Sync
<b>Client Time Zone Configuration</b>	Yes	
<b>Time Specifications (schedules)</b>	25	125
<b>Access Level Groups</b>	10	32
<b>Holidays / Holiday Groups</b>	Yes / 4 Groups	
<b>Online Event History Log</b>	15,000 transactions	30,000 transactions
<b>Transaction Types</b>	Log, Audit, and System	
<b>Archive for Transactions</b>	Manual, Automatic, Automatic by 90% full	
<b>Archive for System Config. Files</b>	Manual Automatic daily	
<b>Administration / User Roles</b>	Yes Pre-defined	Yes - Configurable
<b>Concurrent Web Users</b>	5	10
<b>Remote Management Connection</b>	Option	Option
<b>Compliances, ETL / UL294</b>	Yes	Yes

	Standard System	Upgraded System
<b>Model</b>	<b>1, 2 &amp; 4 Door Panels</b>	<b>W/ Software Upgrade</b>
<b>User Interface Features</b>		
<b>Action Buttons</b>	N/A	Door Unlock, Toggle, Elevator, Aux outputs, Live Camera View
<b>Graphic Floor Plans</b>	No	(JPG, bmp, PNG) 150KB Max
<b>Floor Plan Active Icons</b>	No	Locks, Inputs, Outputs, Elevators
<b>Search and Report</b>		
<b>Wild Card Search n*</b>	TXT, CSV, HTML, PDF Print type option	
<b>Predefined Reports: Events; Audits, System Config./ Usage</b>	Yes	
<b>Report Output Types</b>	Yes	
<b>Alarm Acknowledgment</b>	No	Yes
<b>Card Type</b>		
<b>Timed / Door Position</b>	Yes	
<b>Passage/Extended Time/Latch</b>	Yes	
<b>First Auto-Unlock; Auto Unlock Override</b>	Yes	
<b>Access Opt.: Toggle, Mngr-in, 2-Man, One-Time Code, Deadman Check-in</b>	No	Yes
<b>Guard Tour</b>	No	Yes
<b>Lockdown</b>	No	Yes
<b>Burglar API Integration</b>		
<b>Disarm 1X / Arm 2X API</b>	Yes	
<b>Burglar Event Log</b>	Yes	
<b>Analog Burglar Alarm Mngmnt</b>	Yes	
<b>Threat Level Management</b>		
<b>Alters Access Control Behavior Globally</b>	Yes	
<b>Threat Levels (quantity of levels)</b>	No	5
<b>Door Control</b>		
<b>Anti-Passback Timed</b>	No	By Door
<b>In/Out Door - Timed Forgiven</b>	No	By Door
<b>Man Trap</b>	No	Yes
<b>Occupied - One Credential at a Time</b>	No	Yes
<b>One Time Events - Door &amp; Aux</b>	0	50 Combined Door and Aux
<b>Event Action</b>		
<b>Event Action Input</b>	Outputs, Message Dashboard, eMail, Back up SD / FTP, Threat level, Video tag	
<b>Event Action Output</b>	Reader Event, Input, Door Output Status, System Event	
<b>Elevator Control</b>		
<b>Elevator Cab / Floors</b>	No	Yes. 5 Cabs / 40 floors (1 Cab, min.)
<b>Video Management System Capabilities</b>		
<b>NVR Video Integration, Ganz; Max # of NVR's</b>	2	60
<b>Camera POP Up Live Desk Top</b>	No	Yes, Requires IP Camera
<b>Max # of Camera's Per View</b>	8	8

\*\*Note: Feature Sets are subject to change.  
A834 6.2023

