



Mobile



Cellular



Cloud



Wireless Locking



Embedded



Enterprise

# Continental Enterprise Controllers



Features & Capacities (With Continental Enterprise Software, eg. CA4K)	CICP2100	Networx Panel	CA-2	CICP2800
<b>Part Number</b>	CICP2100, CICP2100S	NETWORXPANEL	CA-2	CICP2800
<b>Technology</b>	Conventional (POE Support)	Conventional (Wireless)	Conventional	Conventional
<b>Credential Capacity</b>	20,000 to 200,000	Up to 5000	100,000	40,000 to 1,000,000
<b>Number of Reader Ports</b>	2 (in/out on 1 door)	2 (in/out on 1 door)	2 expandable to 4 (w/ CA2-XB)	8 expandable to 16 (w/ CICP2800RDBD)
<b>Number of Doors</b>	1	1	2 expandable to 4 (w/ CA2-XB)	8 expandable to 16 (w/ CICP2800RDBD)
<b>Operating Platforms</b>	Cloud (MVP Access) or Traditional (CA4K)			
<b>OSDP Reader Support</b>	Yes	No	Yes	Yes
<b>Anti-Passback</b>	Yes	Yes	Yes	Yes (8 Doors)
<b>Duress Keypad</b>	Yes	Yes	Yes	Yes
<b>Onboard Supervised Inputs</b>	4	No	8	24 (8 Door) or 40 (16 Door)
<b>Additional Inputs Expansion</b>	No	No	16 (w/ CA2-XB)	48 (8 Door) or 32 (16 Door)*
<b>Tamper Input</b>	Yes	No	Yes	Yes
<b>Onboard Relay Outputs</b>	2	2	5	17
<b>Relay Output Expansion</b>	No	No	48	48
<b>Relay Output Contact Rating</b>	2.5amps @24VDC/VAC	8amps @ 30VAC or VDC	Dry relay max load 12/24V up to 28V AC/DC, 2 A. Wet Relay rated at 12VDC, Total 1.6A for all 4 relays	2.5amps @24VDC/VAC
<b>Onboard Communication Ports</b>	Ethernet / RS485	N/A	Ethernet / RS422	Ethernet (Add-on comms avail)
<b>PC to Control Panel Communications</b>	TCP-IP Ethernet / Ethernet to RS422	Requires Alarm Lock Wireless Gateway	TCP-IP Ethernet / Ethernet to RS422	TCP-IP Ethernet / Ethernet to RS422 / RS232
<b>Communication Baud Rates (BPS)</b>	Up to 921.6Kbps	900 mhz spread spectrum	Up to 921.6Kbps	Up to 921.6Kbps
<b>Power Input</b>	12VDC or POE	16.5 vac, 50 VA Transformer	120/230vac	120/230vac
<b>Onboard Battery Backup</b>	No- Must provide external backup pwr.	Yes - 2hrs approx. w/ max load (4Ah Bat)	Yes - 3.5hrs w/ max reader load (7Ah Bat)	Yes - 3-4hrs w/ max reader load (2-12Ah Bat) <i>(Batteries not included)</i>
<b>Onboard Lithium Battery to preserve memory</b>	Yes	No	N/A Uses FRAM	Yes
<b>+12V Reader Power Output</b>	700mA Total	250ma @ 12V	200mA max per reader (400mA Total)	350ma max. @ 12V (per reader)
<b>+5V Reader Power Output</b>	350mA Total	N/A	100mA max per reader (200mA Total)	1.5A@ 5VDC (total for all readers)
<b>Auxiliary Power Output</b>	12VDC @ 700mA incl. Rdr Pwr	12VDC @ 1.5A	12VDC @ 1.6A shared w/ all 4 relays	600mA combined from Relay Board, PTC Limited
<b>Diagnostic LED's</b>	Yes	No	Yes	Yes
<b>Firmware Upgrades</b>	Flash ROM	Flash ROM	Flash ROM	Flash ROM
<b>Onboard Transient Protection</b>	Yes	No	Yes	Yes
<b>Onboard Memory</b>	4MB	N/A	16MB	4MB
<b>Memory Expansion</b>	No	No	No 16MB Built in	20MB
<b>Time Schedules</b>	256	99	256	256
<b>Access Groups</b>	30,000	99	30,000	30,000
<b>Holidays</b>	5 x 100	5 x 30	5 x 100	5 x 100
<b>Event Buffer Capacity</b>	1,000 to 10,000	5000	1,000 to 10,000	1,000 to 10,000
<b>Compliances</b>	UL294, ULCS319, CE APL Listed for FIPS compliance	N/A, APL Listed for FIPS compliance	ETL Listed to meet UL 294, 1076, 62368 ; Certified to CAN/CSA STD.C22.2. APL Listed for FIPS compliance	UL294, UL1076, CE, APL Listed for FIPS compliance

\*An 8 Door Accelaterm can have up to 3 I/O Expander Boards added to it. The 16 Door Accelaterm can only use 8 inputs on the third I/O Expander Board.