







# Continental CA4K: With POE & Conventional Controllers

Features and Capacities	uniVerse	Networx Panel	Super Two	Turbo Super Term 4**	Turbo Super Term 8**	Accelaterm
						
<b>Part Number</b>	CICP2100, CICP2100S	NETWORXPANEL	CICP1300	CICP1400ULT	CICP1800T	CICP2800
<b>Technology</b>	POE or Ethernet	Wireless Device Support	Conventional	Conventional	Conventional	Conventional
<b>Credential Capacity</b>	20,000 to 200,000	Up to 5000	20,000 to 125,000	20,000 to 200,000	20,000 to 200,000	40,000 to 1,000,000
<b>Number of Reader Ports</b>	2 (in/out on 1 door)	1 or 2	2	4	8	8 or 16
<b>Number of Doors</b>	1	1	1 or 2	1, 2, 3 or 4	1 - 8	1 - 16
<b>Anti-Passback</b>	Yes	Yes	Yes (1 Door)	Yes (2 Doors)	Yes (4 Doors)	Yes (8 Doors)
<b>Matrix Keypad Capacity</b>	No	No	Yes, Add-on Module	Yes	Yes	No
<b>Duress Keypad</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>On-Board Supervised Inputs</b>	4	No	8	16	24	24 (8 Door) or 40 (16 Door)
<b>Additional Inputs Expansion</b>	No	No	48	48	48	48 (8 Door) or 32 (16 Door)*
<b>Tamper Input</b>	Yes	No	Yes	Yes	Yes	Yes
<b>On-Board Relay Outputs</b>	2	2	5	9	17	17
<b>Relay Output Expansion</b>	No	No	48	48	48	48
<b>Relay Output Contact Rating</b>	2.5amps @24vdc/vac	8amps @ 30VAC or VDC	3amps @ 24vdc/vac	3amps @ 24vdc/vac	3amps @ 24vdc/vac	2.5amps @24vdc/vac
<b>"On-Board" Communication Ports</b>	Ethernet	WiFi, IEEE 802.11b, 802.11g	RS232/422	RS232/422	RS232/422	Ethernet
<b>PC to Control Panel Communications</b>		***** Serial / USB / Modem / TCP-IP / Fiber Optics / WiFi / Polling Line Converter *****				
<b>Communication Baud Rates (BPS)</b>	Up to 921Kbps	900 mhz spread spectrum	Up to 57.6Kbps	Up to 57.6Kbps	Up to 57.6Kbps	Up to 921Kbps
<b>Power Input</b>	12VDC or POE	16.5 vac, 50 VA Transformer	120/230vac	120/230vac	120/230vac	120/230vac
<b>On-Board Battery Backup</b>	No- Must provide external backup pwr.	Approximately 2 hours at Full Load	Yes (4 to 6 hours)	Yes (4 to 6 hours)	Yes (4 to 6 hours)	Yes - 3-4 Hours with 2-12AH batteries at max load (Batteries not included)
<b>On Board Lithium Battery to preserve memory</b>	Yes	No	Yes	Yes	Yes	Yes
<b>+12V Reader Power Output</b>	700ma @ 12VDC	250ma @ 12V	1.2amps @ 12vdc	500ma or 3amps @12vdc	500ma or 3amps @12vdc	350ma max. @ 12V (per reader)
<b>+5V Reader Power Output</b>	320ma @ 5VDC	800ma @ 5vdc	100ma @ 5vdc	800ma @ 5vdc	800ma @ 5vdc	1.5A@ 5VDC (total for all readers)
<b>Auxiliary Power Output</b>	700ma @12VDC including Rdr Pwr.	12 Volts @ 1.5 amps	1.2amps @12VDC	500 ma or 3amps@12V	500 ma or 3amps@12V	600ma
<b>Diagnostic LED's</b>	Yes	No	Yes	Yes	Yes	Yes
<b>Firmware Upgrades</b>	Flash ROM	Flash ROM	Flash ROM	Flash ROM	Flash ROM	Flash ROM
<b>On-Board Transient Protection</b>	Yes	No	Yes	Yes	Yes	Yes
<b>On-Board Memory</b>	4MB	N/A	512K	512K	512K	4MB
<b>Memory Expansion</b>	No	No	2MB	4MB	4MB	20MB
<b>Time Schedules</b>	256	99	256	256	256	256
<b>Access Groups</b>	30,000	99	30,000	30,000	30,000	30,000
<b>Holidays</b>	5 x 100	5 x 30	5 x 100	5 x 100	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	1,000 to 10,000	1,000 to 10,000
<b>Compliances</b>	UL294, ULCS319, CE	N/A	UL294, CSA C22.2	UL294, UL1076, CE	UL294, UL1076, CE	UL294, UL1076, CE

\*An 8 Door Accelaterm can have up to 3 I/O Expander Boards added to it, unlike the 16 Door Accelaterm, which is limited to 2 I/O Expander Boards.

\*\* Adding an Accelerator can expand the capacities of the Superterm and Turbo Superterm controllers