X1100

Intelligent Door controller

Key features

- the Intelligent controller remains operational in the event of an Ethernet network failure, the Intelligent Network Door Controller ensures site operability remains supporting existing users access and door operation into key areas.
- 2x Door Controller, up to 4 OSDP readers with REX (Request to Exit), 7x inputs and 4x Form-C Relay outputs
- Bi-directional reader OSDP communication support
- Robust Network Security
- IO Module Encryption
  - Enhance security between intelligent controller and IO modules with 256 AES encryption
- VertX® Compatibility
  - Installs in the same footprint as VertX and communicates with V100, V200 and V300 IO Modules
- High Amp Relays
  - Ensure controller protection from power hungry locks and enables wider choice of egress hardware
- integrated with SSM & WAVE

Credential capacity depends on memory configuration.
  250,000 credential capacity possible using date/time activation/deactivation, impacted by the number of credentials per person.

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Credential Capacity	250000 #
Credential Number Size	Up to 64–bits with 15–digit PIN
Transaction Buffer	50,000
Max Readers	64x OSDP or Wiegand Readers
Max Inputs	397 (using X200 IO modules, 7 from X1100 and 608 from 20 X200)
Max Outputs	244 (using X300 IO modules, 4 from X1100 and 384 from 20 X300)
Number of IO Module Buses	Two RS485 PORTS supporting a maximum of tem modules per RS484 bus
Max Aero IO Modules	20 (Each IO Module bus can support up to 20 Aero modules)
Input Voltage	12 to 24 Vdc +/– 10%
Max Input Current	1.9 A (550mA excluding readers)
Memory and Clock Battery Backup	3 Volt Lithium, type CR2032
Ethernet Communication	10BaseT/100Base–TX
IO Module Communication	2–wire RS–485, 384000bps, asynchronous
Inputs	7 supervised/unsupervised (Tamper, AC Fail, Battery fail, 2x Door Lock and 2x AUX), standard EOL: 1k/1kΩ 1%, 1/4 watt
Outputs	4 Relays, Form–C with dry contacts, Max rated @ 5A 30Vdc / 10A 250Vdc
Normally Open Contact Rating	5 A @ 30 Vdc resistive (Recommend use 3Amp)
Normally Closed Contact Rating	3 A @ 30 Vdc resistive (Recommend use 3Amp)
Reader Power	12 Vdc +/– 10% regulated, 500 mA maximum each reader
OSDP Mode	9600bps, asynchronous, half–duplex, max cable 2000 ft (609.6 m)
LED Output (Wiegand)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
Beeper Output (Wiegand)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
Operating Temperature	32°F ~ 158°F (0°C ~ 70°C)
Storage Temperature	–67°F ~ 185°F (–55°C ~ +85°C)
Humidity	5 to 85% non–condensing
Dimension	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
Weight	352 g
HS Code	8537.10.9
ECCN	EAR99