X1100

Intelligent two door four reader 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 / Secure OSDP communication support
- Robust Network Security
- IO Module Encryption
    - Enhance security between intelligent controller and IO modules with 256 AES encryption
- Legacy VertX® compatibility with V100, V200 & V300 modules
- High Amp Relays
    - Ensure controller protection from power hungry locks and enables wider choice of egress hardware
- Integrated with Wisenet Wave & SSM
- User friendly LEDs highlight the reader and Relay status
- LEDs also provide a status showing communications between the system, if the module is powered, if there is a battery fail, AC fail or tamper, if inputs and the Ethernet communications are active
- Next−level cybersecurity

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Part Number	X1100A−H003
Credential Capacity	250000 #
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 ten modules per RS484 bus
Max Aero IO Modules	20 (Each IO Module bus can support up to 20 modules)
Input Voltage	12 to 24Vdc +/− 10%
Max Input Current	1.9A (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 38,400bps asynchronous communications
Inputs	7 supervised/unsupervised (Tamper, AC Fail, Battery fail, 2x Door Lock and 2x AUX), standard EOL: 1k/1k Ω
Outputs	4 Relays, Form−C with dry contacts, Max rated, recommended @ 3A 30Vdc / 10A 250Vdc
Reader Power	12Vdc +/− 10% regulated, 500mA maximum each reader
OSDP Mode	9600bps, asynchronous, half−duplex, max cable 2000ft (609.6m)
LED Output (Wiegand)	Open Collector, 12Vdc open circuit maximum, 40mA sink maximum
Beeper Output (Wiegand)	Open Collector, 12Vdc open circuit maximum, 40mA 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" (164mm x 140mm x 26mm)
Weight	352g
HS Code	8537.10.9
ECCN	EAR99

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