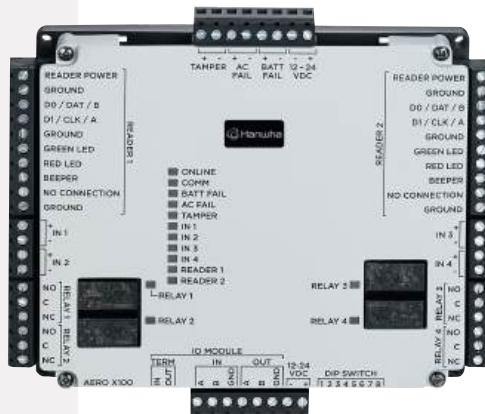




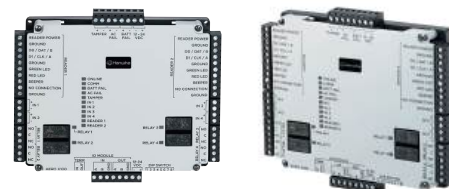
X100

Two Door Expansion Reader Module



Key features

- Up to 4 OSDP readers with REX (Request to Exit), 7x inputs and 4x Form-C Relay outputs
 - Bi-directional reader OSDP communication support
- IO Module Encryption
 - Enhance security between intelligent controller and IO modules with 256 AES encryption
- High Amp Relays
 - Ensure controller protection from power hungry locks and enables wider choice of egress hardware
- the X100 door controller remains operational when using Degraded Mode in the event of RS485 bus failing, the X100 controller ensures site operability remains, supporting existing user access and into key areas.



X100

Two Door Expansion Reader Module

Input Voltage	12 to 24 Vdc +/- 10%, supporting loop through power with a dedicated connector
Maximum Input Current	1.5 A (340 mA excluding readers and USB)
Intelligent Controller Communication	2-wire RS-485, 38400bps, 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	9600 bps, 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)
Humidity	5 to 85% non-condensing
Storage Temperature	-67°F ~ +185 °F (-55°C ~ +85 °C)
Dimension	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
Weight	342g
Certifications	Certification: FCC Part 15 Subpart B, CE, BSMI, IC, AS/NZS, TCVN, KCC Safety: UL-294, IEC 62368-1, CB Scheme Hazardous Substances: RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65
HS Code	8537.10.9
ECCN	EAR99