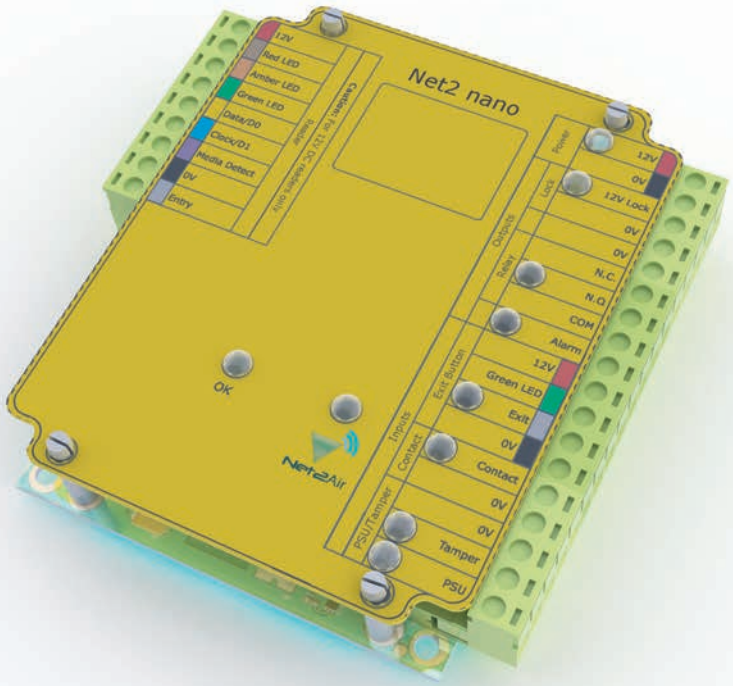
Paxton

TDS-1043-US

Net2 - ano



System specifcations

Maximum total users/tokens	10,000
PIN Length	4
Number of codes	50
Code length	4 - 8
Number of time zones	64
Number of access levels	250
Stored events	3800
Data retention during a total power loss	60 days
Handsfree compatible	Yes - requires interface
Clock and data	Yes
26 bit Wiegand	Yes (Max 50 bits)
Custom Wiegand	Yes (Max 50 bits)
Silent operation	No
Door open time	1 sec - 999,999 secs

Electrical

Operating Voltage	10V - 14V DC
Current consumption	120mA
Relay switchable voltage	24V DC
Relay switchable current	4A
Alarm output current	1A

Communication

TCP/IP	No
Wireless	Yes
RS485	No
Recommended wireless devices per Net2Air Bridge	10
Optimum wireless range	20m/65ft
Encryption	AES 128bit

Hardware

Reader ports per ACU	1
Readers/Keypads per ACU	2 - check current draw on individual readers
Total ACU reader port output current	500mA
3rd party reader support	Yes - if compatible
Reader cable type	Belden 9540/9538 General Cableequivalent C0745A General Cable equivalent C0744A

Features

Input for exit button	Yes
Input for door contact	Yes
Alarm/bell output	Yes
12V DC lock output	1.1 Amp

Environment

Operating temperature	0°C - +55°C +32°F - +131°F
Moisture resistance	No - if used externally, it must be protected in a weatherproof housing
Vandal Resistance	Low

Net2 nano communicates with Net2 software at a central point by a secure, low power radio link. This means that your installation is more cost effective and less disruptive as no cable is required to communicate between doors. In addition, Net2 nano benefits from unique ease of installation and configuration - no knowledge of networks is required.

One Net2 nano controls a single door, gate or barrier. It may be installed as part of a Net2 installation alongside other Net2 nano, Net2 plus or Net2 classic access control units.

Simply connect a Net2Air USB bridge to the central Net2 server PC and the Net2 software will discover and communicate with Net2 nano control units within range. A secure pairing procedure ensures that communications are private and restricted to the site. If there is an existing TCP/IP Ethernet network, a Net2Air Ethernet bridge may be used to extend the communication distance from the central server PC.

As with all Net2 control units, Net2 nano is designed to work seamlessly in the event of communications failure. It will continue to permit or deny access to users as appropriate. Once communications are re-established the activity is reported back to the PC.

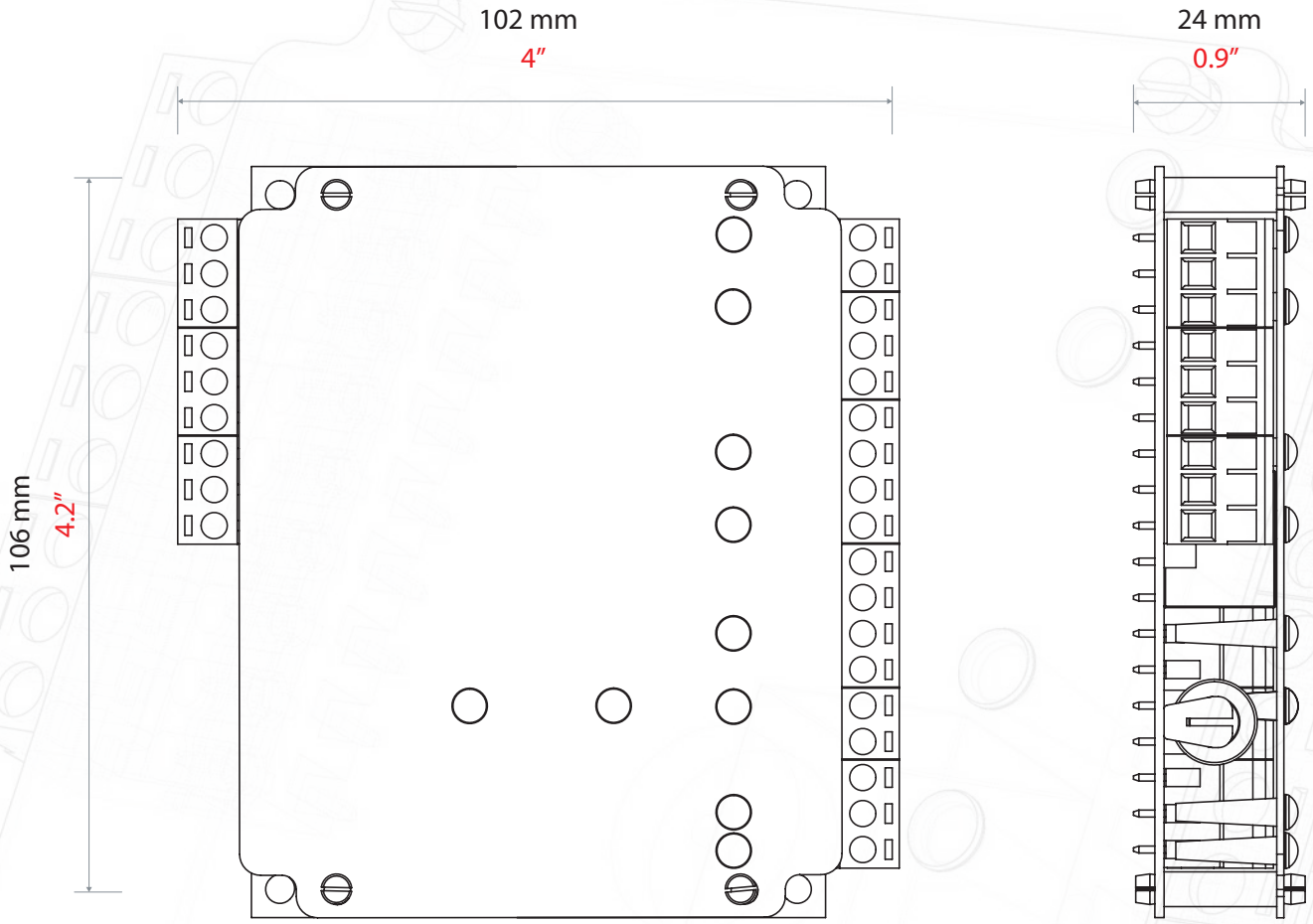
Other hardware features:

- Volt free control relay
- Input for PSU fail
- Input for tamper
- Integrated lock diodes

Certifications

UL 294 ✓

Dimensions



Accessories and sales codes

Net2 - Nano 1 door controller, 12V 2A PSU, plastic cabinet	654-910-US

Made in the UK