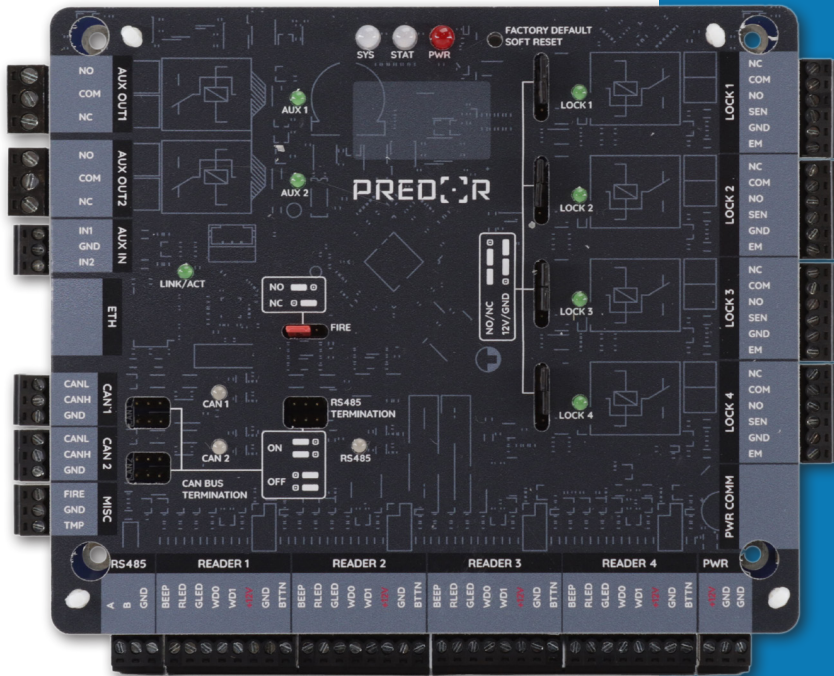


MAIN FEATURES:

- Stand-alone and online operating mode
- 250,000 events and 100,000 users can be stored
- Up to 4 doors can be controlled
- Compatible with OSDP or Wiegand card readers
- Automatic network discovery
- 2 programmable inputs
- 2 programmable relay outputs
- Fire alarm and tamper inputs with advanced security level



SAFETY, INTEGRABILITY, STABILITY

Predor Phantom controller has a much more powerful processor and larger memory than the former hardware version. Thanks to its many new peripherals it can be easily integrated with modern security systems.

COMPATIBILITY

The Predor Phantom controller is perfectly compatible with the first generation Sentinel controller. Existing systems can be expanded with Phantom controllers. The bolting points of the new controller are also the same, so the Predor metal boxes can be used without modification.

SIMPLE INSTALLATION

The system creates a printable wiring diagram for each controller according to the current settings.

INDEPENDENT OPERATION

The controller can store up to 100,000 users, 200,000 IDs and 250,000 events, thus it is able to carry out the access control tasks perfectly even when the connection to the server is lost.

SIMPLE AND FAST CONFIGURATION

Thanks to the automatic network discovery, the client automatically finds the controllers connected to the network. The system can be pre-configured and the settings should be uploaded at the installation site.

PROGRAMMABLE INPUTS AND OUTPUTS

2 inputs and 2 relay outputs can be used for integration with third party systems or for multi-step verification, for instance, breathalyzers, pre-entry disinfection, bag or vehicle inspection.



TECHNICAL SPECIFICATIONS

MEMORY CAPACITY

Event storage: 250,000
 ID storage: 200,000
 Maximum number of cardholders: 100,000

PHYSICAL PARAMETERS

Dimensions: 163 x 137 mm
 Mounting box dimensions: 300 x 300 x 75 mm

ENVIRONMENTAL PARAMETERS

Operating temperature: -20-50 °C
 Operating humidity: 10-90% (non condensing)
 Storage temperature: -20-60 °C
 Storage humidity: 10-90% (non condensing)

ELECTRICAL PARAMETERS

Power Supply: $U_{IN} = 12 \text{ VDC}$
 Quiescent consumption: $I_{NOM} = 110 \text{ mA}$
 Supply for card readers: $U_{READER} = 12 \text{ VDC}, 4 \times 200 \text{ mA max.}$
 Supply for door locks: 12 VDC, 4 x 1,1 A max.
 External supply for door locks: 0-48 VAC / 0-24 VDC, 1,1 A max (Jumpers in NO/NC position)
 AUX relay output capability: 24 VDC, 5 A; 240 VAC, 5 A
 Compatible card readers: any standard Wiegand 26, 32, 34, 36 or 37 bits reader

CABLING LENGTH

Wiegand card readers: max. 60 m, 2 x 0,5 + 6 x 0,22 alarm cable
 Network: Ethernet: max. 100 m, UTP (Cat5/Cat5E - 100 Mbit)

ACCESSORIES

Recommended battery: 12 V, 7 Ah, SLA

