Red Max Controller

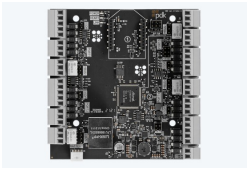
ProdataKey · Model RMAX

A customizable high-security controller for larger sites. It ships with two power supplies and two four-door boards in one enclosure, and takes more expander boards as doors are added.





Inside, fully built out



Four-door board

Features

- Ships ready for eight doors: two Red four-door expander boards installed
- Room for six expander boards, for up to 24 doors from one enclosure
- Expander boards come in one-door, two-door, four-door and auxiliary versions
- Each board has built-in Ethernet and is discovered by the Cloud Node automatically
- Supports OSDP, mobile and encrypted credential communication
- Supervised power circuit watches input, output, battery voltage and controller health

Specifications

Role	Multi-door controller and power supply enclosure
Doors as shipped	8 (two four-door boards)
Maximum doors	24 from one enclosure
Expander board slots	6
Power supplies	2, Altronix, included
Output power	12 V DC for readers and door hardware
Communication	Ethernet
Mounting	Surface-mount enclosure, indoor
Backup batteries	Two 12 V 12 Ah recommended, not included
In the box	Enclosure, cam lock, 2 power supplies, 2 four-door boards