

# Simplekey 4 System Controller

The Simplekey 4 System Controller is the central component of the latest generation of the Simplekey platform. Incorporating a number of innovative features enabling simpler installation, expansion and management. The Simplekey 4 system controller has a built in GPRS modem for communications and connections for controlling the first two doors. The system can be easily expanded on a door by door basis using additional reader and lock control modules on a free topography wiring bus.



- Control for up to two doors, with lock outputs, door monitoring, emergency overrides and trades button control.
- Multiple system controllers can be connected together and used at one location.
- Real time GPRS communications with built in modem and pre-configured roaming SIM.
- Bus based free topography architecture, utilising standard Cat 5 cabling for connection of additional components.
- Optional detachable programming panel allowing local administration.
- Cloud based management with individual QR code identification enabling simpler set-up and support.

## Technical Information

### Power Connections

- 12 – 15 V input, 500mA (without auxiliary connections)
- Optional battery back-up connection

### Lock Outputs

- 2 lock outputs
- N/O or N/C connection
- Optional on board power connection
- Thermal cut-out protection

### Monitoring and Control (2 door)

- RTE connection
- Door monitoring
- Local emergency override
- Global emergency override

- Trades button control
- 2 programmable relay outputs

(NB can be reprogrammed for other functions)

### Communication

- Single co-ax connection to high gain aerial

### Cabling

- KMS Bus (used to connect the components) – Cat 5 or above (open topography)
- Lock – dependant on lock type and specification, (Twin 1mm<sup>2</sup> copper flex up to 1 Amp)

### PCB Dimensions

- 210mm × 160mm × 50mm

For further information  
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