

# SimpleKey 4 Door Extension Kits

The SimpleKey 4 door extension kits allow additional doors to be controlled when connected to a SimpleKey 4 system controller. Available in one or two door versions, in a DIN rail format with simple connections to the free topography KMS Bus.



The SimpleKey 4 door extension kits, come in 1 or 2 door versions. Each unit has all the connections necessary for; The Lock, The Legacy (or Wiegand) reader(s), RTE, Door Contacts, Emergency Overrides which can also be specifically programmed for different uses as required. KMS BUS connection is either via a plug-in RJ45 socket or standard terminal connectors, whilst power for both the PCBs and lock output is supplied via a separate 12v input. Each kit has the doors it is controlling clearly identified and each pcb has a unique QR code which identifies the component on the BUS and can be used to give more detailed information. Up to 14 additional doors can be added to a single SimpleKey 4 System Controller.

- Control for one or two doors with lock output(s), door monitoring, emergency overrides etc.
- Built in Sounder and communication LEDs.
- Separate power input for powering all devices and the door lock(s).
- RJ45 & terminal connection for the connection to the KMS Bus.
- Cloud based management with individual QR code identification enabling simpler setup and support.

## Technical Information

### Power Connections

- 12-15v System input 500mA
- 12-24v Auxillary Power input (Wattage dependent on auxiliary connections)
- Lock Outputs
  - 1 or 2 lock outputs
  - N/O or N/C connection
  - Optional on-board power connection
  - Thermal cut-off protection

### Reader

- 2 reader connection
- Standard KMS & 26 bit Wiegand

### Standard Monitoring and Control

- RTE Connection
- Door monitoring
- Local emergency override

- Global emergency override
- Trades Button
- 1 or 2 relays (follow lock)

N.B; the above can be reprogrammed for other functions

### Cabling

- KMS Bus (used to connect to the system) is Cat 5 or above (open topography) 500 max
- Locks – dependent on lock type & specification (Twin 1mm<sup>2</sup> copper flex up to 1 Amp)
- Reader – 6 or 8 core alarm multi-stranded cable 50m max

### Dimensions – (DIN mount)

- 2 door – 300mm × 82mm × 50mm
- 1 door – 245mm × 82mm × 50mm

For further information  
please contact KMS on 01494 531099  
or [info@kms.uk.net](mailto:info@kms.uk.net)