

# WS4K1

## WS4 Web Access System 1 Door Mifare Proximity Entry Kit



### Manage your Access Control in a Web Browser or mobile App, no special software required

#### 1 Door Mifare Proximity Access Control kit

Introducing the latest product in the WS4 web access range, the **WS4K1** access control kit. It is an entry level 1 door Mifare proximity access control kit which is expandable to multiple doors with the inclusion of additional kits.

The kit includes the following:

- 1x **WS4CU1S** - 1 door controller with PSU.
- 1x **MTPXBK-MO** - Mifare proximity reader.
- 10x **PBXBK-1E-MS50** - Black Mifare proximity key fobs.

#### WS4CU1S controller

The **WS4CU1S** comprises of a white powder coated housing which is fitted with a **WS4-1D-E** 1 door control pcb (inc. battery backup facility) and Ethernet connection. It is also fitted with a 14.2Vdc, 2.4A switched mode PSU.

#### MTPXBK-MO proximity reader

The **MTPXBK-MO** is a compact surface mount Mifare proximity reader in a black ABS housing with an RS485 bus connection. It can read Mifare Classic, Ultralight and Desfire key fobs and cards with a read range of up to 6cm.

## WS4CU1S



## PBxBK-1E-MS50

The black **PBxBK-1E-MS50** key fobs supplied with the kit are Mifare Classic 13.56MHz fobs and have a 1K memory capacity (other colours available)



## Technical characteristics

	<b>WS4K1</b>
<b>Description</b>	WS4 Web Access System, 1 door Mifare proximity access control kit.
<b>WS4CU1S Controller:</b>	1 door cabinet fitted with the following: <b>WS4-1D-E</b> - 1 door access control PCB with inputs for door contact and PTE button. RS485 reader input, dry contact relay (2A/48V ac/dc) & direct lock output (600mA/12Vdc). TCP/IP Ethernet connection (10/100/1000 Base-T - HTTP or HTTPS). USB port for backup on USB drive. 14.2Vdc power input (inc. power ON LED) and 12Vdc/7Ah battery backup input. Tamper switch and 2 way programming switches. <b>PSU</b> - 14.2Vdc, 2.4A switch mode power supply. Cabinet dimensions: 250 (W) x 250 (H) x 70 (D) mm.
<b>MTPXBK-MO Mifare Reader:</b>	A compact 13.56MHz surface mount Mifare proximity reader in a black ABS housing. Incorporates a rectangular "halo" tri-colour status indication LED (amber = standby, green = access granted, red = access denied). Internal buzzer for when access is granted or denied. 12Vdc input (130mA max.) with RS485 bus connections. 2 way programming switches. Supported proximity fobs & cards Mifare Classic, Ultralight and Desfire key fobs & cards with a read range of up to 6cm. IP65 ingress protection. Reader dimensions: 51 (W) x 92 (H) x 27 (D) mm.
<b>PBxBK-1E-MS50 key fob:</b>	10x Mifare Classic 13.56MHz key fobs with 1K memory capacity in black. Key fob dimensions: 31 (W) x 50 (H) x 9 (D) mm.

For further information regarding the WS4 web access system and the individual **WS4K1** kit components please scan the QR code to download the latest WS4 system brochure.



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