



Features

Designer Finish

- Uniquely designed reader illuminates when touched

Robust

- IP65 water-resistance for installation at open areas such as pedestrian gates
- 4H non-scratch coating minimises wear and tear - your readers will always look clean and polished
- Touch-screen keypads reduce keypad deterioration which can compromise PIN security
- All input and output connections are protected against 12VDC and static discharge
- Comes with a security screw and non-mechanical tamper sensor to deter and detect tampering

User-friendly

- Easy to use touch-screen keypad
- Low light backlit facilitates keypad entry in dim areas
- Display for OLED reader can be clearly seen under direct sunlight
- Can be configured to display card holder's name and customised welcome message
- Provides audio and LED alerts, e.g. *Door Left Open*, *Access Granted* and *Access Denied*

Multiple Features

- Option to use PIN-in-card to facilitate PIN only mode. Useful for temporary access by temporary staff or unscheduled visits
- External doorbells are not required! Keypad readers come with built-in door chimes for easy installation and reduces clutter of devices at entrance

Installer-friendly

- Configuration card available for hassle-free format setting
- Metal back plate reduces interference when installed on metal surfaces
- Reverse power protection to prevent accidental damage when power polarity is reversed
- Fitted with a non-drop bottom screw for easy installation
- Fits both UK and US standard gang boxes
- Compatible with major controllers in the market

Technical Specifications

	OPK-8800 125kHz Reader w/ Keypad	OMK-8800 Mifare Reader w/ Keypad
Reconfigure Window	Default 5 seconds; selectable to 30 mins upon start up	
Reader Output Format	-	UID 26 bits, 32 bits, 35 bits, 37 bits, 56 bits (backward/forward), sector reading for programmed ID
Wiegand Plus Width	Selectable	
Keypad Output	Selectable	
Buzzer Control	Default reader and controller control; selectable to controller control only	
Display Clock Synchronisation	H/W reset via RS485 TimeSyn S/W	
Typical Read Range	>5cm	3 - 5cm
Reader Standard Output	Wiegand	
Standard Keypad Output	4 bits burst (Default)	
Display	OLED Display	
Display Message	"Access Granted", "Access Denied", "Enter PIN:", Time & Date (with TimeSyn S/W), Card Number, Name	
Wiring Distance	120m (22AWG with shielded FT4 compliant cable)	
Frequency	125kHz	13.56MHz; ISO14443A
Operating Voltage	10 - 15 VDC	
Operating Current	150mA (Max.)	
Operating Temperature	-30°C - 70°C	
Operating Humidity	10% - 90%	
Case Material	PC + ABS	
Exterior Dimension (mm)	115.5 x 84.5 x 20.5	
Weight (g)	187	

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