



## Mifare® Smart Card Readers

The MR Access **8000 Series** is an RFID reader based on the Mifare® smart card or tag. This reader is available as a serial number, read-only (Sector) or a read-write device and due to the memory and characteristics of the Mifare® smart card it is suitable for multi-application data exchange such as payment systems and/or for identification applications. One of the unique features of this reader is that due to the internal processing capacity it can interpret the file and directory structure of the Mifare® card. The information can be application dependent and internally be converted to, for example: Wiegand code, ISO Track 2 or to any another custom protocol or format.

### Specifications

Standard	ISO 14443
Supply Voltage	9 – 16V DC
Supply Current	100mA – typical
Operating Frequency	13.56MHz
Read Range	upto 100mm – antenna dependant
Transaction Time	< 100mS
Card Format	Mifare® Serial No., Sector or Read-Write
Output	Open Collector Transistor
Output Formats - Serial No.	Wiegand 26-bit or 10-digit ISO Track 2
Output Formats - Sector	Custom Wiegand and/or ISO Track 2
Operating Temperature	-20°C to +55°C
Operating Humidity	5% to 95% non-condensing
Finish	Black or Beige - custom finishes to order
Dimensions – typical	Single Gang 80mm x 80mm x 20mm Mullion 135mm x 40mm x 20mm

8000 Series OEM Modules are also available as custom-fit units for installation into customer supplied OEM housings.



BS EN ISO 9001  
Registration No. FM31361

MR Access is part of the MR Sentire Group of Companies



8-10 Clos Menter  
Excelsior Business Park  
Cardiff  
CF14 3AY

Tel: +44 (0)29 2052 0022  
Fax: +44 (0)29 2052 0178  
Email: [sales@mraccess.com](mailto:sales@mraccess.com)