

# MCR50

## Mifare Card Reader



MCR50 is a Mifare® contact less smart card reader with a reading range of 20-50mm. The reader comes in many physical forms to fit the suitability of the application. It can be integrated to the override keyswitch, keypad and liquid clear display (LCD). This gives customer the advantage in meeting the budget. The reader is fully compatible with IBS range of controllers and can be used in various applications such as door access, pc access, time attendance, guard tour and smart card membership.

### KEY FEATURES

- Built-in security via encrypted data transfer through hardware and software controlled coding procedure.
- Data is exchanged at high speed through radio frequency.
- Compatible with standard IBS controllers. (SAC4000, SAC5000 and SAC2000).
- Compatible with Mifare Card type: MIFARE ISO 14443 type A (1 KB).
- Easy integration through simple software commands.
- Attractive design to match indoor or outdoor decor.

### TECHNICAL SPECIFICATIONS

ITEM	DESCRIPTION
Read Range	20-50mm
Data Transfer	106kbits/sec
Operation Frequency	13.56MHz
Communication	RS232 with 9600 bps baud rate
Power Supply	5VDC
Power Consumptions	25mW
Humidity	10% to 90% Non-condensing
Operation Temperature	20° to 40° C
Material	2mm ABS-PC (polycarbonate) with fire retardant and UV protection
Dimension	120mm(H) X 140mm(W) X 24.5mm(D)

For further information, please contact

