

SDIO IrDA Card for the Motorola MC70

+ **Features and benefits:**

- ✓ Simple upgrade to provide IrDA functionality on MC70
- ✓ Standard SDIO footprint
- ✓ Includes replacement SDIO cover slot to maintain IP rating of terminal
- ✓ Maximum data rate 115.2kbps
- ✓ Up to 30cm range
- ✓ Full integration MC70 Operating System
- ✓ Capable of raw IR operation



PART NO.
1061-01-SDIO-MC70

- + This accessory for the MC70 series of terminals provides IrDA functionality using the SDIO slot in the terminal. The card attaches directly into the SDIO slot and is supplied with a replacement card cover moulding containing the IR transmissive window.
- + The MC70 recognises the SDIO card and provides an SIR IrDA interface (115.2kbps maximum data rate) utilising the Microsoft IrDA Stack in the host terminal's Operating System. A Windows Mobile 2005 driver for the SDIO IrDA card is available for download from the TSL website.
- + The driver allows the card to be used in standard IrDA mode or in Raw IR mode.

Cards Interface Type	SDIO
IrDA	SIR (115.2kbps) using IrPHY1.4 (Low Power).
Operating range	Compliant to IrPHY1.4 Low Power Specification: <ul style="list-style-type: none"> ✓ >20cm to another Low Power device ✓ >30cm to another Standard device
Operating temperature	-10°C to +50°C (14°F to 122°F)
Storage temperature	-40°C to +60°C (-40°F to 140°F)
Current consumption	<25mA average
Dimensions	24mm x 32mm x 2.1mm (0.94"×1.26"×0.08"). Outer edge is thickened to 2.4mm to a depth of 3mm.



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+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- RFID - Low Frequency, High Frequency and UHF
- Bluetooth
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- GPS
- 802.11 Wi-Fi
- Magnetic Card Readers
- OCR-B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

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