

# Mv-3 Versatile Reader

MIFARE™ Smart Card Reader / Writer

**MORLEY**  
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The *Mv-3 Versatile Reader* has been designed to be both aesthetically pleasing and tough. The unit incorporates MIFARE™ technology and is capable of reading the full range of MIFARE™ cards. Being vandal resistant, weatherproof and attractive means the unit is suitable for use in both internal and external applications. The reader offers high reliability and good read range characteristics.

## Features:

- ISO14443A Compliant\*
- Aesthetically Pleasing
- Weather Proof IP65
- Maintenance Free
- Internal & External Applications
- Vandal Resistant
- Sterile Wipe
- Meets DDA Guidelines

**Construction:** Two piece stainless steel enclosure, with all electronics fully potted and enclosed for resistance to harsh environments as well as complete vandal resistance; while maintaining reliable performance in arduous conditions.

**Mounting:** Designed to be unobtrusive and to mount directly onto most internal and external surfaces such as brick, stone or plaster using only two security screw fixings. Spacer kits are available for mounting onto metalwork. Requires only a through hole for cable connection.

Supplied with a 3M flying lead and vandal resistant screws.

**Audible/Visual indication:** When a card or token is presented to the *Mv-3 Versatile Reader* an audible confirmation from the internal sounder is heard. Green LED indication can be illuminated via external access controller to indicate valid card/door open.



Actual Size

Available with standard wiegand output for general use by any controller accepting MIFARE™ readers.

The *Mv-3 Versatile Reader* is the perfect reader choice where external mounting is required. ABS readers can become cracked, broken or just look tired and untidy whereas a stainless steel reader will not lose its good looks and will resist the effects of severe weather and heavy use.

## Technical Specifications:

<b>Part Number:</b>	105070 <i>Mv-3 Versatile Reader</i>
<b>Typical read range:</b>	Card – approx 5cm
<b>Dimensions:</b>	50mm x 100mm x 16mm
<b>Material:</b>	316 Stainless Steel
<b>Power supply:</b>	12 Volts DC
<b>Maximum current:</b>	240mA
<b>Operating temperature:</b>	-30 to 65 C
<b>Operating humidity:</b>	0-95% Relative humidity non-condensing
<b>Weight:</b>	Unpacked 350g
<b>Transmit frequency:</b>	13.56MHz
<b>Certifications:</b>	CE
<b>Cable Lead:</b>	3m Flying lead, 8 core with overall screen
<b>Cable distance:</b>	125M Recommended cable is BELDEN 9538 (22 AWG) 8 conductors, drain wire & overall shield or equivalent.



**Warranty:** The *Mv* range of readers are warranted against defects in materials and workmanship for 5 year from date of shipment.

\* Any ISO 14443A compliant contactless card can be accessed for Card Serial Number. Full Read/Write access is only possible with additional hardware interface and if card fully supports Philips Semiconductors CRYPTO1 algorithm and encrypted protocols.

For further information about the  
*Mv-3 Versatile Reader* contact:

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