

## MRC310 Motorised Card Capture Reader

### PRODUCT DESCRIPTION

The MRC310 motorised card capture reader is a front-end device that can be integrated into parking control systems, turnstiles or any appropriate housing for use as an OEM card reader in access control applications. It can be used to read magnetic stripe cards, proximity cards or smart cards. The card data is read by the MRC310 and passed onto a controller. The controller then makes a decision based on this data and signals back to the reader to either capture or return the card, and to allow or disallow entry.

The MRC310 can be adapted to read most card formats, which makes it ideal for integration in existing systems.

The card capture readers can also be supplied housed in roadside pedestals, available in both single and dual height.



### FEATURES

#### MRC310-GEN

- Motorised magnetic stripe card capture reader
- Reads ISO magnetic stripe cards
- Capture or return of cards after reading
- Robust and compact
- Outputs information encoded on card

#### MRC310-XXX

- Motorised proximity/smart card capture reader
- Reads ISO proximity or smart cards, depending on the reader attached.
- Capture or return cards after reading
- Robust and compact
- Output format is dependant on type of reader



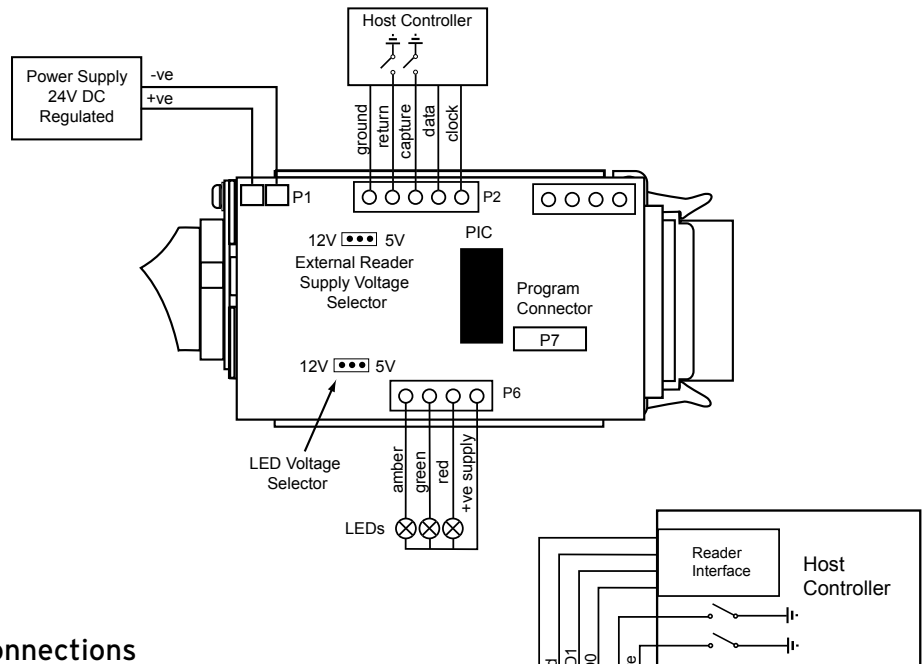
### APPLICATIONS

- Health clubs
- Parking systems
- Video imaging system
- Golf clubs
- Visitor control
- Hospitals
- Conference control
- Auto car wash
- Fuel management
- Temporary contractor control

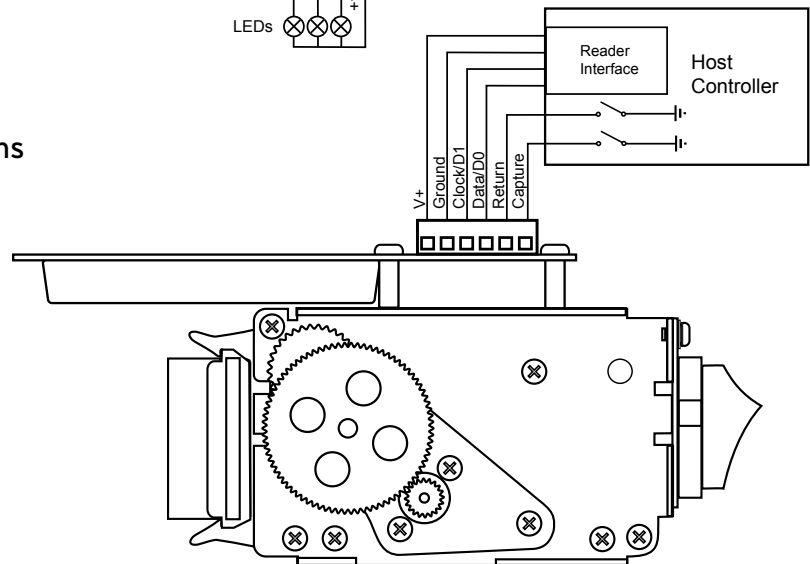
# MRC310 Motorised Card Capture Reader

## Technical Details

### Power and LED Connections with MRC310-GEN to Controller Connections



### MRC310-XXX to Controller Connections



## Specifications

Power supply:	24V @ 1.88A	Size in mm (mag reader):	60 x 120 x 147 (H x W x D)
Card feeding speed:	40cm/sec (15.7 inch/sec)	Size in mm (prox. reader):	82 x 120 x 170 (H x W x D)
Motor type:	DC motor	Size in mm (mag & prox cards):	86 x 54 (Standard ISO)
Operating temperature:	-5°C to +55°C	Current draw (mag):	80mA at rest, 350mA active
Storage temperature:	-25°C to +70°C	Current draw (prox):	100mA at rest, 450mA active
Operation humidity:	45% to 85% RH without condensation	Weight (mag):	582g
Storage humidity:	20% to 90% RH	Weight (prox):	754g

## Ordering Information

- MRC310-GEN:** Motorised Magnetic Card Reader with card capture capability, available in output formats to suit most OEM control systems
- MRC310-XXX:** Motorised Proximity or Smart Card Reader with card capture capability. Supports most technologies with transparent forwarding of card data to the controller. Requires a voltage free closed contact signal from the controller for capture and return requests. Reader must be free issued to Nortech. For use with ISO cards only.