MRC350 Card Capture Reader

Product Description

The MRC350 card capture reader is a front-end device that can replace any standard proximity or smart card reader and provide the added capability of capturing cards under instruction from an access control unit. It can be integrated into roadside pedestals, turnstiles or any appropriate housing as an OEM card reader for access control applications.

The card data is read by an attached reader and passed onto an access control unit. The access control unit then makes a decision based on this data and signals back to the card capture unit to either capture or return the card, and to indicate whether or not the card has been accepted.

The MRC350 card capture reader can use third party readers to support any card format, making it ideal for integration into existing systems.

Features

▶ Reads any ISO proximity or smart cards, using integrated third party readers.

▶ Captures or returns cards after reading

▶ Robust and compact

▶ Output format is dependent on the type of reader

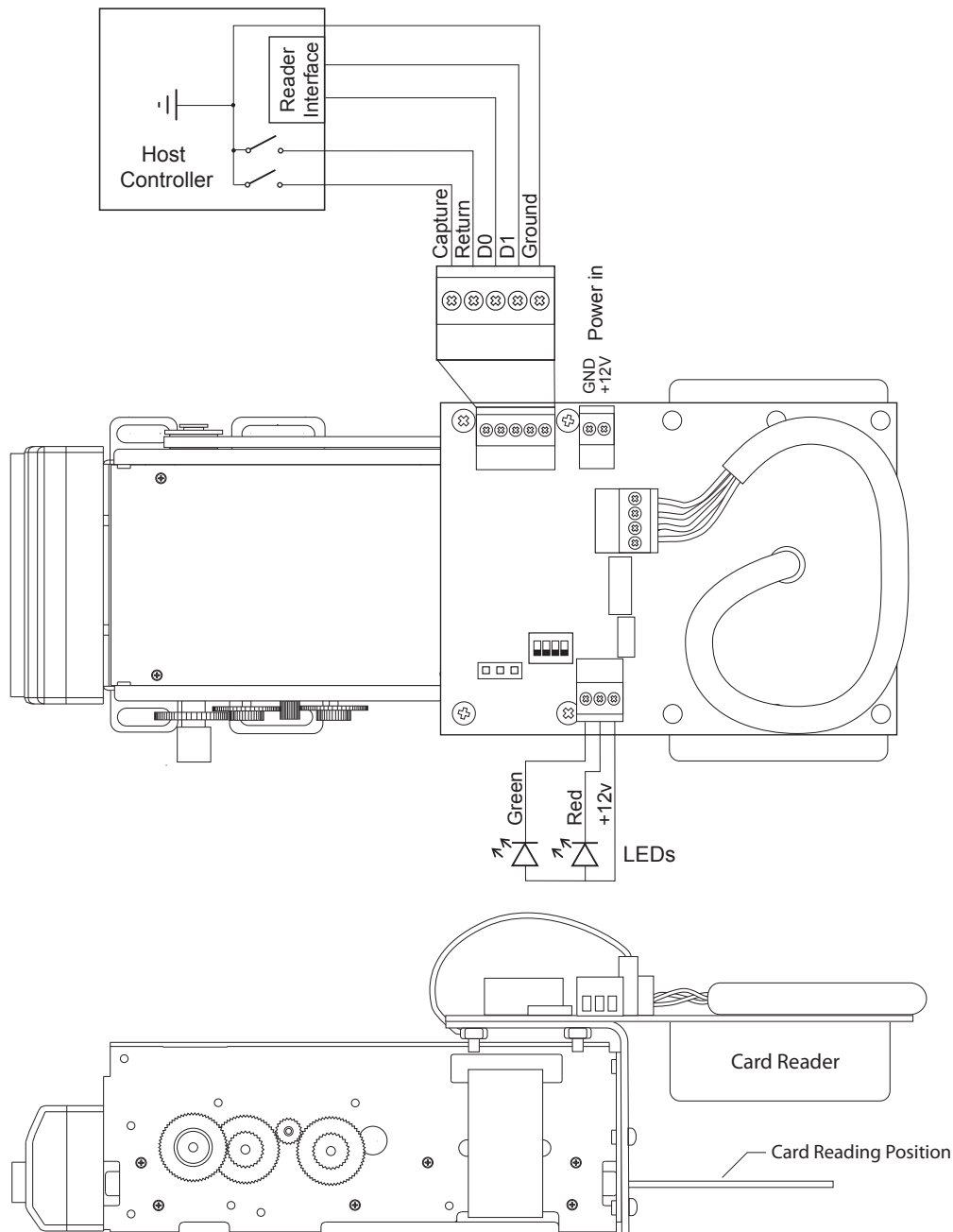▶ Drives LEDs at the user interface to indicate card validity

Applications

▶ Health clubs

▶ Parking systems

▶ Video imaging system

▶ Golf clubs

▶ Visitor control

▶ Hospitals

▶ Conference control

▶ Auto car wash

▶ Fuel management

▶ Temporary contractor control

Specifications

Power supply:	12V DC +/- 5%
Current Draw:	50mA at rest, 1.5A active
	(excluding attached reader)
Card feeding speed:	80cm/s
Motor type:	DC motor
Operating temp:	0°C to +50°C
Storage temp:	-20°C to +70°C
Operation humidity:	0 to 90% (non-condensing)
Storage humidity:	0 to 90% (non-condensing)
Size in mm:	85 x 86 x 205 (H x W x D)
	(width and depth may vary depending upon attached reader)
Card size in mm:	86 x 54 (Standard ISO)
Weight:	483g (with typical reader)

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Connection Details

Ordering Information

MRC350-XXX: 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.

MRC350-GEN-T Motorised Card Reader with card capture capability, designed to allow integrators to fit a third party proximity or smart card reader.