

# RH301, RH310 & RH320

THE RH301 MAGNETIC STRIPE CARD READER IS BUILT TO PROVIDE YEARS OF RELIABLE SERVICE IN THE MOST DEMANDING OF ACCESS CONTROL APPLICATIONS BY INCORPORATING A HIGH-QUALITY CARD READER HEAD IN A ROBUST METAL HOUSING SUITABLE FOR EXTERNAL USE. THE READER ACCEPTS LOW OR HIGH-COERCIVITY MAGNETIC STRIPE CARDS WITH STANDARD TRACK 2 ENCODING. TRACK 1 AND TRACK 3 VERSIONS ARE ALSO AVAILABLE UPON REQUEST.



## RH301, RH310 & RH320 MAGNETIC STRIPE CARD READER



RH320

A bi-colour LED is provided as standard. The LED is operated in one wire mode. Card data is sent using common clock/data pulses. A card present output is also provided. The LED is controlled using standard TTL voltage levels. All signal lines are protected from reverse connection and electrostatic discharge (ESD). The maximum distance between the RH301 and the controller is 150 meters. The die cast metal housing is first treated with an anti-corrosion film and then coated with a tough, abrasion resistant finish. The reader is mounted on stainless steel fittings. The RH301 is suitable for both indoor and outdoor use. The reader will operate reliably in harsh environments, with temperatures from -40°C to +75°C.

### Features

- Rugged metal case
- Outdoor all-weather operation
- -40°C to +75°C operation
- Standard card data signalling
- Bi-colour LED
- Static discharge protection
- Reverse polarity protection
- 12 month limited warranty
- All fittings supplied
- CE and UL Approvals

### Applications

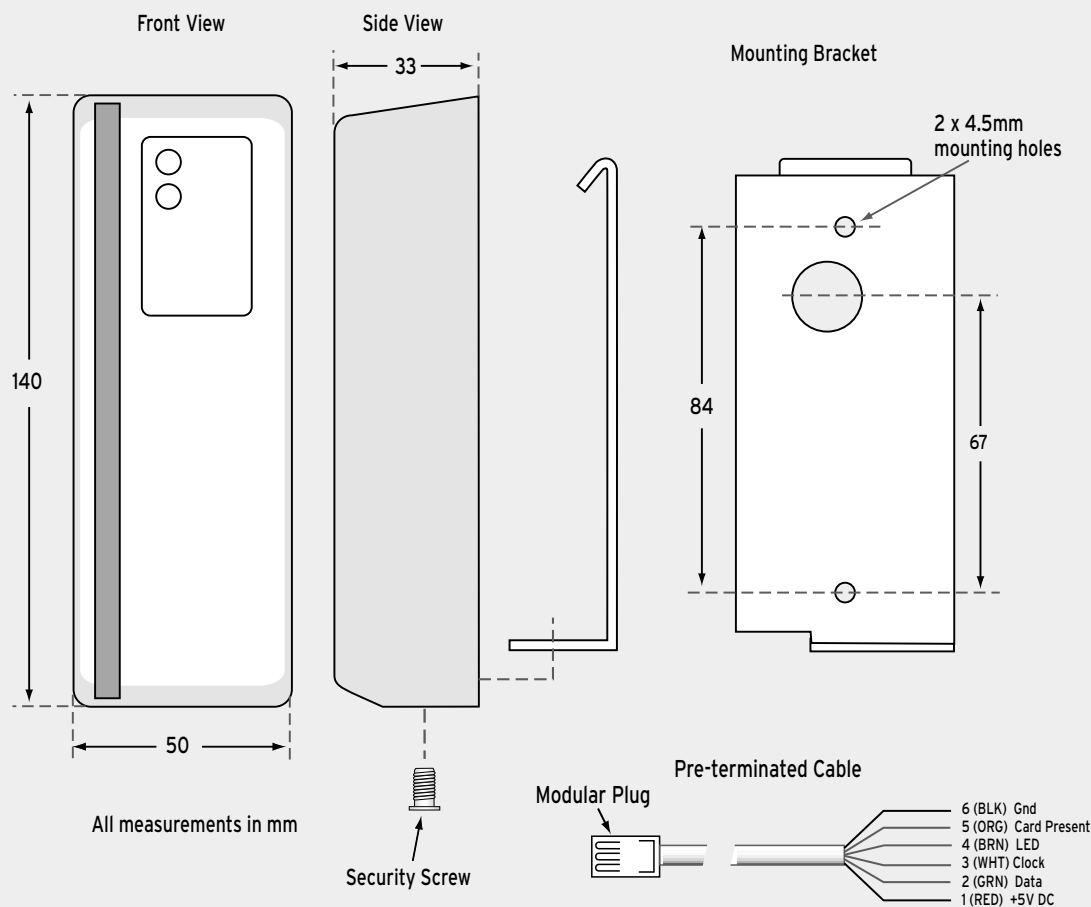
- Access Control
- Parking Systems

### Options

- RH310 - Non-standard formats
- RH320 - Magnetic card reader with built in keypad - non-standard formats

# TECHNICAL SPECIFICATIONS

RH301 Dimensions and Connection Details



## Technical Specifications

Case	Die cast aluminium
Finish	Black textured powder coat
Size (mm)	50 x 33 x 140 (H x W x D)
Weight	285g nominal
Mounting	One security screw
Connecting	1.0m long x 6 conductor cable with connector
Voltage	+5 V DC
Current	20 mA typical
Data Output	Clock/data (Magnetic Stripe)
One Bi-colour LED	Red/Green
Tamper output	Optional to special order
Operating Temperature	-40°C to +75°C
Humidity	100% RHNC UL listed per standard 294 for outdoor use

## Card

Encoding	75bpi standard, 210bpi to special order
Read Speed	75mm to 1250mm/sec

## Order Information

RH301	Magnetic stripe card reader
RH310	Non-standard formats
RH320	Magnetic stripe card reader with keypad
CC420	Magnetic stripe cards

## Supplied By:

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