

Proximity Card Readers

CR-5355, 5355AGK0009



**Standard
Card Reader**

Card Reader with PIN pad

Overview

The CR-5355 proximity card reader is available with or without a PIN pad. Cards are read when they are held in the vicinity of the reader. The CR-5355 uses proximity technology that eliminates the need for reader adjustments required by swipe-type readers. The PIN pad option provides the additional security offered by a Personal Identification Number (PIN).

The CR-5355 is rated for both indoor and outdoor applications and mounts on a one-gang electrical box. The rugged sealed polycarbonate construction provides a high degree of vandal resistance as well as protection from harsh environments.

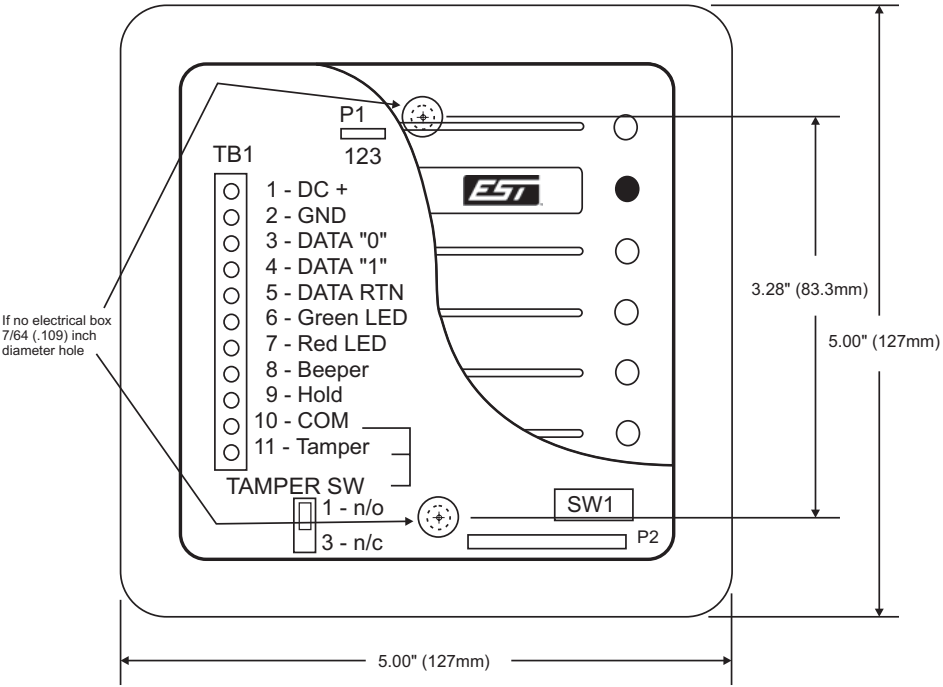
Standard Features

- Aesthetically pleasing design
- Indoor/outdoor rated
- Audible and visual indicators
- PIN pad option
- Durable – vandal resistant
- Low maintenance

Application

The CR-5355 is suitable for indoor and outdoor applications with or without a PIN pad.

Installation



1	2	3	4	5	6	7	8	9	10	11
+DC	Ground	Data0	Data1	Shield Ground	Green LED	Red LED	Beeper	Hold	Tamper Common	Tamper or N/O or N/C**
Red	Black	Green	White	Drain	Orange	Brown	Yellow	Blue*	—	—

* not used with CRC(XM)
** Set by tamper select switch

Engineering Specification

The access control card reader shall be of the proximity type, requiring only that the access control card be held approximately 3" (7.5 cm) from the reader for the card to be read. Insertion of or swiping of the card through the reader is not acceptable. The encoded data from the access card and/or transponder shall be sent to the card reader controller (CRC) for processing. The card reader shall provide both audible and visual indication of a properly read card. When connected to the access controller the LED shall provide a different flash rate when a PIN#, visitor escort or a second cardholder is required for access.

<Option> The reader shall incorporate an integral, weatherized keypad capable of transmitting Personal Identification Numbers (PINs) to the card reader controller, providing an additional level of security.

The card reader output shall utilize the standard Wiegand output protocol and feature a re-present mode to prevent multiple reads from a single card presentation. The reader housing shall be constructed of a polycarbonate material, suitable for mounting on a single gang electrical box, location shall be as shown on the plans. The card reader shall be fully weatherized, and shall have an operating temperature of -22° to 150°F (-30° to 65°C), and shall have an operating range of 5 to 95% relative humidity, non-condensing.

The card reader shall be UL listed per UL 294 as an access control system unit accessory, and meet the appropriate FCC and DTI certifications.

The standard access control card reader shall be a Edwards model CR-5355. The standard access control card reader with PIN pad shall be a Edwards-supplied model 5355AGK0009.

Specifications

Dimensions (HWD)	5.0" x 5.0" x 1.0" (12.7cm x 12.7cm x 2.54cm)
Card PC-1326 PC-1386 PK-1346	Read Range Up to 8" (20 cm) Up to 7" (17.5 cm) Up to 3" (7.5 cm)
PIN pad (optional)	0 to 9, * & # keys
Transmit Frequency	125 kHz
Operating Voltage	10 - 28.5 Vdc
Current Draw (Max. Average)	90 mA Average
Distance from Controller	Up to 500' (150m) from Card Reader Controller
Construction	Sealed weatherized polycarbonate enclosure
Approvals	UL-294 FCC part 15, United States DTI (MPT 1337), United Kingdom CE Mark approved
Operating Environment	-22° to 150°F (-30° to 65°C) 5% to 95% relative humidity, non-condensing

Ordering Information

Catalog Number	Description	Ship Wt., lb (kg)
CR-5355	Standard Proximity Card Reader, Charcoal Gray	3.5 (1.6)
5355AGK0009	HID Brand Proximity Card Reader with PIN pad, Charcoal Gray	0.75 (0.34)



Detection & alarm since 1872

U.S.

T 888-378-2329

F 866-503-3996

Canada

Chubb Edwards

T 519 376 2430

F 519 376 7258

Southeast Asia

T : +65 6391 9300

F : +65 6391 9306

India

T : +91 80 4344 2000

F : +91 80 4344 2050

Australia

T +61 3 9239 1200

F +61 3 9239 1299

Europe

T +32 2 725 11 20

F +32 2 721 86 13

Latin America

T 305 593 4301

F 305 593 4300

utcfireandsecurity.com

© 2010 UTC Fire & Security.

All rights reserved.
