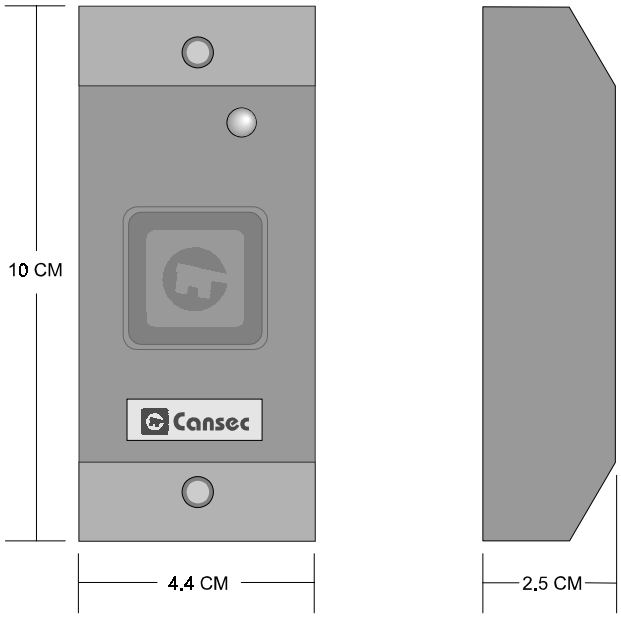
MODEL RP100
CANPROX PROXIMITY READER INSTALLATION INSTRUCTIONS



Mounting Instructions

1.Determine an appropriate mounting position for the reader.

Mullion Mount

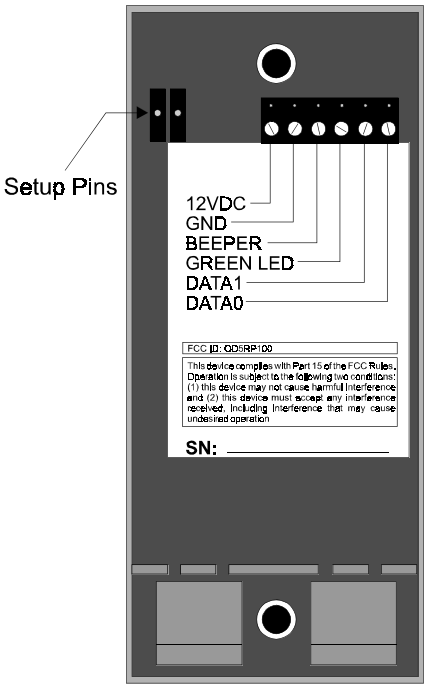
2.Drill two 7/64" holes for mounting the reader.
3.Drill a 3/8" to 1" hole in between the mounting holes for the cable. If you are mounting on metal, place a grommet around the edge of the hole.
4.Route the interface cable through the hole and terminate the cable to the supplied plug-in connector according to the wiring diagram supplied.
5.Plug the connector in to the Canprox reader and mount the reader with the screws provided.

Wall Mount (Requires RP100AP Adapter Plate)

2.Install a single gang electrical box.
3.With the cable routed through the electrical box and the adapter plate, terminate the cable to the supplied plug-in connector according to the wiring diagram supplied.
4.Plug the connector in to the Canprox reader. Insert the screws through the reader and then the adapter plate. Mount the reader to the electrical box with the screws provided.

Wiring Diagram

Connect the reader to the Host according to this wiring diagram and the Host installation guide.



Cable Notes

1. When using a separate power supply, the power supply and host should have a common ground (voltage reference).

2. If the host is controlling the Beeper and LED, additional conductors will be required. The recommended cables are Alpha 1295C and 1296C that are five and six conductors respectively. Larger wire gauges are acceptable. The wire is to be stranded with an overall shield, either foil or braided.

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Testing and Operation of the CanProx Reader

* Note: The reader is shipped from the factory with internal beeper control enabled. The DAT (Dual Audio Tone) feature provides a distinctive high volume tone on alarm conditions such as Forced Entry and Door Held Open. The reader is shipped from the factory with this feature disabled.

1.Power up the reader and present an ID card to the reader. The LED should momentarily go OFF, indicating a read of the card.
2.If the reader LED is controlled by the Host, refer to the Host description of the LED operation.

Setting the Beeper Volume

The CanProx reader volume may be adjusted by applying a momentary short across the Setup Pins (see wiring diagram for location of Setup Pins). Each momentary contact made across these pins will cycle the volume through the eight available steps, one of which is an inaudible state. After each momentary contact is applied, the reader will beep once, immediately followed by another beep or series of beeps (1-7) indicating the present volume setting. Set the reader to the desired volume. Internal beeper control can be enabled / disabled by applying the Sonalert program key across the Setup Pins.

* Note: The Beeper Program key is not supplied with the reader. CanProx programming keys are available to authorized Cansec dealers.

Enabling / Disabling the Dual Audio Tone

The Dual Audio Tone (DAT) feature is Disabled by default. To enable this feature, short the Setup Pins for approximately 2-3 seconds until the reader emits a momentary chirp sound. Now when an alarm condition occurs such as Forced Entry or Door Held Open, the reader will emit a distinctive high volume sound regardless of the normal reader volume setting.

To disable this feature, short the Setup Pins for approximately 2-3 seconds. The DAT feature is disabled once the continuous tone stops.

SPECIFICATIONS

Typical Read Range: up to 3"
Dimensions: 10 x 4.4 x 2.5 cm, (4" x 1.76" x 1")
Supply Voltage and Current: +5 to +12VDC, 50mA average, 200 mA peak
Operating Temperature: -30° to 65°C (INDOOR/OUTDOOR)
Mounting: Mounts on mullion, no back box required. Mounts on single gang electrical box with RP100AP Adapter Plate
Indicators: Bi-Color LED (red, green). Internally and/or externally controlled beeper
Output: Wiegand
Cable: 5 or 6 conductor (Alpha 1295C and 1296C), Stranded, Overall Shield, Maximum 500 ft. Use 6 conductor is the host will control both the LED and Beeper.

WARNING:

Changes or modifications not expressly approved by Cansec Systems Ltd. could void the user's authority to operate the equipment.

Note: This equipment has been tested and been found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the unit off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the unit
- Increase the separation between the equipment and unit
- Connect the equipment into an outlet on a circuit different from that to which the unit is connected
- Consult the dealer or an experienced radio/TV technician for help