# LCD **Display Terminal**

**OPEN OPTIONS®**
— ACCESS TECHNOLOGY —

# RSC-DT

## Overview

The ISC-16 Open Options' RSC-DT display terminal provides an interactive window into the access control system. In addition to improving the general usability of the system, it can bring display and control functions historically limited to the system console to anywhere within the facility.

The RSC-DT displays text as sent by the SSP controller. This freeform messaging allows for the development of applications beyond  that of general access control.

The RSC-DT combines an integrated 32 character LCD display, a 16 position keypad and a reader port into a single, highly functional package.  The backlit display provides a clear view of system information even in challenging conditions. The keypad is made up of standard numeric keys along with 4 function keys that can be used to select options from the display. The external reader port supports magnetic stripe, Wiegand, and proximity readers.
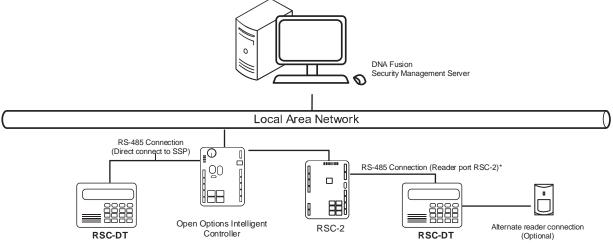
## Features

- 32 Character LCD Display
- 16 Position Keypad
- Communicates via 485 (host or reader port)
- Alternate Card Reader Port
- Backlit Keypad and Display

**Door Control**
- Displays time: 12 or 24 hour format
- Prompts user during door cycle
- Access granted
- Access denied
- Enter PIN
- Customized text displayed

**Direct Text Output**
- Host Issued Commands
- Macro Initiated Commands

**Extended User Commands**
- Prompts user for command
- Echoes back entries
- Command Feedback

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## Specification

**Primary Power**
DC input:
Current:

The Display Terminal is for use in low voltage, class 2 circuits only.
12 VDC ± 15%.
175 mA maximum (Terminal only)

**Alternate Reader Port**
Power:                      Pass Through 12 VDC
Interface:                  2-wire, Clock/Data or Data 1/Data 0
LED Control:                2-wire or 1-wire bi-color
Buzzer Control:             Available only in 1-wire LED control mode
Alternate Reader:           Wiegand Data1/Data0, Magnetic Clock/Data, Proximity

**Communication**
RS-485:                     4,000 feet (1,219 m) max. 24AWG, 120 ohms impedance
Wiegand:                    500 feet (152 m) max, 18AWG (alternate reader)

**Environmental**
Temperature:                Operating:  0°C to 50°C (32° to 122° F)
                            Storage:  -20°C to +70°C (-4° to 158° F)
Humidity:                   0 to 95% RHNC

**Mechanical**
Dimensions:                 6.75" W x 5.00" L x 1.00" D (172mm W x 127mm L x 25mm D)
Weight:                     4 oz. (400g) nominal

**Installation**
Mounting:                   Surface mount or 3-gang box

## Application

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