ACCESS CONTROL SYSTEM
DTX-4100 Series

Multi-Door Access System with Keypad and USB or Network

The Multi-Door access system with software is "access simplified". The system is powerful and easy to install and program for small to mid-sized applications. It provides a secure and trusted access control system that uses proven hardware architecture. System management from a PC can be either over a LAN/WAN connection or through a RS485 serial connection. All individual door access decisions and transaction events are stored at the module. Programming is done via LAN, WAN, or RS-485, using the Hub Manager Professional Software. System expansion is made simple with the modular design of the two available configurations (DTX-4004 or DTX-4001). The DTX-4004 provides the simplest expansion of one to four doors per cabinet when the system needs to be installed in a central location. The DTX-4001 configuration (single door control system) is ideal for applications where the doors are far apart and/or the control is located at the door.

Keypads (3)

Cabinet (DTX-4004)

Space for one to four door modules
(3 shown with room for 1 more)

Modules (3)

Software

USB Comm

AC
Transformer

**Example shown:
DTX-4103xUSB**

Benefits

- Affordable multi-door security application in new or exisiting structures
- Fast and reliable communications

- Dependable service and security in all environments
- Multi-user capabilities
- Flexible programming capable

- Easy installation
- Controls unauthorized access/ egress

Features

DTX-410X (X denotes # of doors)

- 2000 users per door
- Network up to 16 doors
- 2000 transaction storage per door
- First-In auto unlock
- 8 time zones per door
- 15 Single date holidays per door
- 15 Block date holidays per door
- Error Lockout

- Supports adjustable Daylight Savings Time
- Programmable with Hub Manager Professional Software 7.2 or higher
- Serial connection made with USB to 485 converter
- Single gang flush mount design
- Keypads: Backlit hardened keys, durable metal (with braille) keys or mullion mount backlit keys

- Polycarbonate trim
- Conformal coating
- Key press feedback via sounder and yellow LED
- Built-in assignable sounder
- Bi-color Red/Green LED indicates relay status
- Indoor/outdoor use
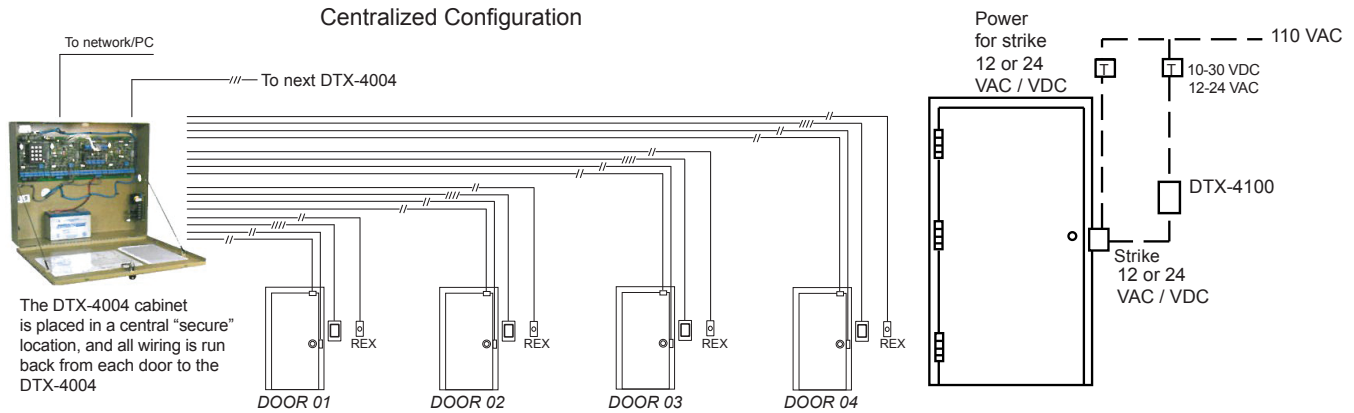- 3 year warranty
- UL 294 Listed

Technical Information

- Relay Contact Rating for DTX-4100 or DTX-4110: 2A@ 30VAC/DC (Main & Aux.) and Relay Contact Rating for DTX-4120: 3 - 1 amp SPDT relays in controller

- Request to Exit Input
- Independent Outputs
- Configurable Outputs
- Wiegand Outputs

Where Trust is Built™

DETEX®

Life Safety and Security Door Hardware

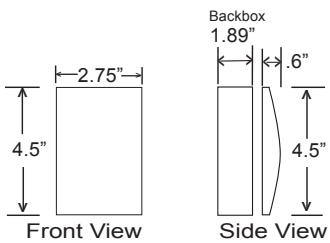## Technical Information Continued

- Operating Voltage: 16.5 VAC 40 VA Class 2 Transformer (Plug-In Transformer included)

- Current Requirements: 100mA (backplane & 1 module) add 40mA for each module / DTX-4004 - Current Requirements: 120mA

- Alarm shunt, door ajar, forced door outputs: 12-24 VAC/DC 1mA each

- Temperature tolerance: -20F to 130F
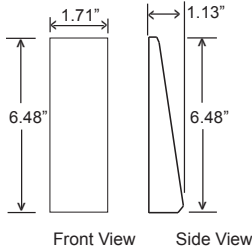
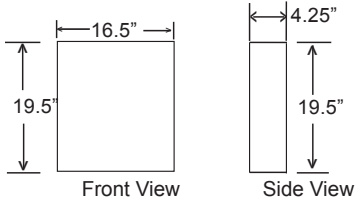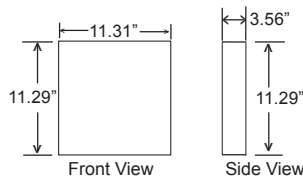- DTX-4004 / DTX-4001: Indoor use only

Riser Diagram

Centralized Configuration

To network/PC

///— To next DTX-4004

The DTX-4004 cabinet is placed in a central "secure" location, and all wiring is run back from each door to the DTX-4004

DOOR 01   DOOR 02   DOOR 03   DOOR 04

REX   REX   REX   REX

Power for strike 12 or 24 VAC / VDC

110 VAC

10-30 VDC 12-24 VAC

DTX-4100

Strike 12 or 24 VAC / VDC

Dimensions

DTX-4100 and DTX-4110

Backbox 1.89"

2.75"   .6"

4.5"   4.5"

Front View   Side View

DTX-4120

1.71"   1.13"

6.48"   6.48"

Front View   Side View

DTX-4004

16.5"   4.25"

19.5"   19.5"

Front View   Side View

DTX-4001

11.31"   3.56"

11.29"   11.29"

Front View   Side View

Listings and Approvals

c (UL) US LISTED

U.L. 294 Listed

Detex Limited Warranty

3 Year Limited Manufacturers Warranty

How to Order

Misc. Options
0 = Backlit Hardened Keys *
1 = Metal Braille Keys
2 = Mullion

Interface Connection
NDESK = Network (Desktop)
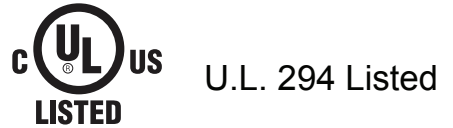NCAN = Network (Can)
USB = USB Serial

DTX-4   [1] [2]   [7]   x   [USB]

Example Order Number

Device
1 = Keypad
3 = Keypad/Card Reader

* Default if left blank

SYSTEM

1 = 1 Door System (4 door capable)

1 = 1 Door System (4 door capable)

2 = 2 Door System (4 door capable)

3 = 3 Door System (4 door capable)

4 = 4 Door System

5 = 5 Door System (8 door capable)

6 = 6 Door System (8 door capable)

7 = 7 Door System (8 door capable)

8 = 8 Door System

(Specify up to 16 door systems)

M = Single door audit with DTX-4001

October 23, 2012

Where Trust is Built ™

DETEX®

Life Safety and Security Door Hardware