



**DSX Access Systems, Inc.**

## **DSX-1022 Intelligent Controller**



- 8 Supervised Inputs
- 4 Form C Relays - Fused
- TCP/IP Communications
- 260+ Card/Keypad Formats including CAC/FIPS/TWIC Cards
- UL294 / UL1076
- Flexible I/O Linking
- Retrofits 1021 Controllers
- 512K RAM / 512K Flash ROM

# **DSX-1022 Intelligent Controller**

## **Processor**

AM186 20Mhz

## **RAM Memory**

Standard 512K / 512K Flash ROM

## **Size**

Cabinet 15.5" W x 13.5" H x 6.0"D

DSX-1022 10.5" W x 7.5" H x 1.5" D

## **Weight**

Cabinet 11.00 lb.

DSX-1022 1.60 lb.

Package Total 12.60 lb.

## **Enclosure Type**

Nema Type 1 equivalent enclosure with lift-off hinged door, lock/key, and tamper switch.

## **Finish**

Black Powder Coat on Enclosure and Black Enamel on Shield

## **Temperature/Humidity**

Operating 32 to 131 F / 0 to 95% relative -

Storage -35 to 150 F

## **Warranty**

Limited 2 Years

## **Supply Voltage**

Panel Voltage 16.5 VAC 40VA

Power Requirements 33 Watts (112.6 BTU)

Panel Current Draw 540 ma

UL Listed or CSA Certified Class 2

Transformer Required. UL1076 requires 2

## **Output Voltage**

Panel Output 12VDC 1A - Fused

Panel Output 5VDC 1/2A - Fused

## **Inputs**

EOL Supervised 8

UL Installations require a Tamper Switch to be connected to an Input programmed with a 24hr Time Zone.

## **Outputs**

Form C Relays (1-2) 4 fused at 1A

Relay Ratings 5 AMP 30 VDC

LED Outputs 6 - 3 per reader - open collector 100ma

Pre-Alarm Outputs 2 - 1 per door - open collector 100ma

## **Access Controlled Entry Points**

Card Reader or Keypad - 2 - Any combination of card readers, keypads, or both may be used. Over 260 types available including CAC/PIV/TWIC Cards.

## **Battery Charging Output**

Trickle Charge 13.5 VDC 500ma Fused /

Standby Time 3.3 hours under maximum load.

For UL Installations, must be Powersonic PS-1270,

Interstate PC-1270, or SBS S-1272. UL1076 requires 2

## **Communication Ports**

RS-485 In (2) 1 for Master to PC, 1 From Sub

RS-485 Out 1 To Subsequent Subs

DSX-1022 Master Controller requires a DSX-USB or

MCI Module for direct serial port communications.