



DSX-1022 INTELLIGENT CONTROLLER



FEATURES

- 8 Supervised Inputs
- 4 Form C Relays – Fused
- TCP/IP Communications
- 275+ Card/Keypad Formats including CAC/FIPS/TWIC Cards
- UL 294 / UL 1076
- Flexible I/O Linking
- Retrofits 1021 Controllers
- 512K RAM / 512K Flash Rom

DSX-1022 SPECIFICATIONS

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 275
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

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