DSX-1022
Intelligent Controller

- 8 Supervised Inputs
- 4 Form C Relays - Fused
- TCP/IP Communications
- 260+ Card/Keypad Formats including FIPS/TWIC Cards
- UL294 / UL1076
- Flexible I/O Linking
- Retfits 1021 Controllers
- 512K RAM / 512K Flash ROM
DSX-1022 Intelligent Controller

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 240 types available including 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 Slave
RS-485 Out 1 To Subsequent Slaves
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