DSX Access Systems, Inc.

DSX-1042 Intelligent Controller

- Scalable Architecture 2 - 8 doors
- TCP/IP Communications
- Individual Intelligence
- 512K RAM / 512K Flash ROM
- UL 294 / UL 1076

- 260+ Card and Keypad Formats
- FIPS/TWIC Card Compatibility
- Real Time Processing and Communications
- Integrated Power Supply and Distribution
**DSX-1042 Specifications**

**Processor**  
AM186 20Mhz

**RAM/ROM Memory**  
Flash ROM 512K  
Standard RAM 512K

**Communication Ports**  
DSX-1042  
RS-232 In 1 Master to PC  
RS-232 Out 1 Panel to DSX-1040CDM

**Power Requirements**  
DSX-1042 13.5 VDC @ 300ma from 1040CDM

**Output Voltage**  
Panel outputs provide a regulated, fused, DC voltage.  
DSX-1042 9-13.5VDC - 12VDC nominal - 1A Fused  
All Outputs are Class 2, Power Limited

**Inputs**  
EOL Supervised 8  
4 Inputs are used for standard point monitoring.  
4 Inputs are used for door position and exit request monitoring.  
All Inputs support two, three, and four state monitoring with five programmable circuit types.

**Outputs**  
Form C Relays 2  
Relay Output Ratings 5 AMP - 30VDC  
Open Collector Outputs 2 - negative 100ma  
LED Outputs 6 - 3 per reader port - negative 100ma  
Pre-Alarm Outputs 2 - 1 per door - negative 100ma

**Access Controlled Entry Points**  
Card Reader or Keypad 2 expandable to 8  
Card and Reader Formats 240+ including PIV Cards  
Any combination of card readers, keypads, or card and keypad controlled entry points may be used.

**Size**  
DSX-1042 11" W x 4.5" H x 1.5" D

**Weight**  
DSX-1042 1.2 lb.

**Finish**  
Black Enamel with White Silkscreen.

**Temperature**  
Operating 32 to 131 F  
Storage -35 to 150 F

**Humidity**  
Operating 0 to 95%, relative

**Warranty**  
Limited 2 Years