

DSX Products		
Part Number	1040 Series Intelligent Controller Packages	List Price
DSX-1048PKG	Intelligent 8 Door Package Includes one 1040E Enclosure, four 1042 Controllers, one 1040CDM Communication Distribution Module, & one 1040PDP Power Distribution Panel. Lock Power Module Sold Separately	\$3,900.00
DSX-1042PKG	Intelligent 2 Door Package Includes one 1040E Enclosure, one 1042 Controller, one 1040CDM Communication Distribution Module, & one 1040PDP Power Distribution Panel. Up to three additional Controllers can be added to this package. Any combination of 1042,1043, & 1044 Controllers can be used. Lock Power Module Sold Separately	\$1,500.00
DSX-1043PKG	Intelligent Output Package Includes one 1040E Enclosure, one 1043 Controller, one 1040CDM Communication Distribution Module, & one 1040PDP Power Distribution Panel. Up to three additional Controllers can be added to this package. Any combination of 1042,1043, & 1044 Controllers can be used. Lock Power Module Sold Separately	\$1,320.00
DSX-1044PKG	Intelligent Input Package Includes one 1040E Enclosure, one 1044 Controller, one 1040CDM Communication Distribution Module, & one 1040PDP Power Distribution Panel. Up to three additional Controllers can be added to this package. Any combination of 1042,1043, & 1044 Controllers can be used. Lock Power Module Sold Separately	\$1,320.00
	<i>Note// The DSX-1042 Controllers have an RS-232 port for Host Communications. Direct wire connections from Host PC to Master Controller that are greater than 50 feet require two (2) DSX-MCI modules. Dial-up modem connections do not require a MCI module.</i>	
	Intelligent Controller Components	
	<i>Each of the Controllers below can be added to the 1042, 1043 & 1044 Packages. The Enclosure and 1040CDM is shipped with all of the Controller Packages but can be purchased separately</i>	
DSX-1042	Intelligent Two Door I/O Controller (up to 4 per 1040E) 8 Inputs, 2 Relay Outputs, 2 Open Collector Outputs, 2 Reader Ports.	\$940.00
DSX-1043	Intelligent I/O Controller (up to 4 per 1040E) 2 Inputs, 16 Relay Outputs.	\$750.00
DSX-1044	Intelligent I/O Controller (up to 4 per 1040E) 32 Inputs, 4 Open Collector Outputs.	\$750.00
DSX Products		
Part Number	DSX-1040 Series Components	List Price
	Intelligent Controller Components (continued...)	(NOTE: Bold Blue Font Indicates New Product or Price Change)
DSX-1040E	Six -Slot Equipment Enclosure with Lock/Key. Accepts four 1040 series Controllers, one 1040CDM, with one expansion slot.	\$200.00
DSX-1040CDM	Communications Distribution Module 1 required @ 1040E	\$230.00
DSX-FRB8	Fused Relay Board provides 8 Form-C relay outputs fused at 1A. Each relay has a 1A fuse in line with the common terminal. The module requires a constant +12V and a switched negative for activation of each relay. Connects to the open collector 2 nd outputs of the 1042/44 and mounts in the expansion slot of the 1040E enclosure.	\$200.00
DSX-OX4	This Output Extender provides 4 – Form C relay outputs fused at 1A each. This Module communicates via RS-232 or RS-485 and can be connected to any DSX-1022 and DSX-1042 Slave Controller. This module can also be connected to a serial port on the Comm Server and controlled with the ASCII output from input alarms and status change. The OX4 operates only with Slave Controllers.	\$320.00
	Lock Power Supplies (LPS)	
Notice:	To provide lock power each package listed on the previous page requires one of the power supplies listed here.	

DSX-SWS150/15	LPS 110VAC to 15V 10A, 150 Watt LPS for 12V Locks	\$149.00
DSX-SWS150/28	LPS 110VAC to 27V 5.5A, 150 Watt LPS for 24V Locks	\$157.00
DSX-SWS320/27	LPS 110VAC to 27V 11A, 320 Watt LPS for 24V Locks	\$300.00
	Power Supply and Components	
	All Controller Packages include the DSX-1040PDP listed below, however the 1040PDP can be purchased separately.	
DSX-1040PDP	Power Distribution Panel Includes enclosure, one SWS150 15V power supply, one 1040PDM power distribution module and one exhaust fan.Lock Power Module is ordered separately. Backup Batteries are sold separately for Controller Power & optionally for Lock Power.	\$465.00
DSX-1040PE	Power Distribution Panel Enclosure	\$150.00
DSX-1040PE-B	Battery Enclosure. Holds 10 – 12V 7AH Batteries - not included NEW	\$150.00
DSX-1040PDM	Power Distribution Module - New & Improved	\$230.00
DSX-SWS150/15	15V, 10A, 150 Watt Power Supply for Panel Power	\$149.00
DSX Products		
Part Number	DSX-1020 Series Intelligent Controllers	List Price
	<i>Note// All Controllers ship with enclosures except where noted. All Controllers listed here require a 16.5 40VA Transformer and a 12V 7AH Battery. Transformers and Batteries are sold separate</i>	
DSX-1020	Intelligent Single Door Controller 8 Inputs/2 Relay Output/1 Reader Port	\$870.00
DSX-1020-1	Controller and shield / no enclosure	\$832.00
DSX-1022	Intelligent Two Door I/O Controller 8 Inputs/4 Relay Outputs/2 Reader Ports	\$1,076.00
1022-PKG	Intelligent Two Door Controller Starter Package DSX-1022 Intelligent Controller w/8 Inputs/4 Relay Outputs/2 Reader Ports Comes with 2 Prox Readers, 50 Prox Cards, DSX-MCI, DSX-WinStart and a 16.5 VAC 40VA Transformer. Battery not included. No Substitutions or changes.	\$1,470.00
IMPORTANT>	OVP discounts apply to this price not DSX-Dealer discount.	
DSX-1022-1	Controller and shield / no enclosure	\$1,035.00
DSX-1022-1 Retro Fit	Controller and shield / no enclosure. Replaces DSX-1021. Comes with Hardware and Instructions on how to mount 1022 Controller in existing 1021 Enclosure.	\$1,035.00
DSX-1022E	DSX 1022 Enclosure/not required (controllers ship with enclosures)	\$135.00
DSX-1022-SMP	System Monitoring Panel Provides 4 Relay Outputs for Device Comm Loss, Consecutive Denied Exceeded, Low Battery, and AC Power Loss. Requires DSX-MCI if connected to a 1040 Series Master Controller.	\$1,200.00
	<i>Note// The DSX-1022 is the direct replacement for the DSX-1021. The DSX-1022 is fully compatible with new and existing systems and controllers. The DSX-1022 does not work with the DSX-1036 module. However, it will work with a DSX-OX4 when DSX-1022 is configured as a slave controller.</i>	
DSX Products		
Part Number	Communication Devices and Suppression	List Price
	Communication Devices:	
DSX-1035	Quadrplexor 4 Channel RS-485 Mux/Repeater	\$345.00
DSX-MUX	6 Channel RS-232 Communications Mux	\$345.00
DSX-MCI	Single Channel RS-232 to RS-485 Converter	\$140.00
DSX-485T	2 Channel RS-485 Mux/Repeater. Used to mix old and new style panels on the same communications	\$265.00

	circuit. Converts the RS-422 from an original DSX-1032 Controller to the to the current RS-485 regenerative style of communications.	
	One per old style controller.	
	DSX LAN Serial Servers:	
DSX-LAN	Auto-sensing 10/100BaseT communications interface for DSX Controllers powered from DSX Controller with 12VDC at 300ma. (This is the LAN only)	\$300.00
DSX-LAN(M)	Same interface as above but with Dialup Modem backup capability Requires DSX Modem – Not included. Works for PC to Master Communications.	\$750.00
	DSX Modems - DSX only supports modems sold by DSX!!!!	
SPI-1442-FI	14.4 Dial-Up Modem 1 year warranty	\$405.00
SPI-1442-LL	1 Pair of 14.4 - 2 wire Lease Line Modems 1 year warranty Complete with 2-RS-232 to RS-485 converters, 2-gender changers. Can also be used in short haul applications on 1 pair copper wire for distances up to 8 miles.	\$1,370.00
SPI-Cable	Extra Modem Cable, all modems above come with cables	\$15.00
	Surge Suppressers and Filters	
DSX-DP232	RS-232 Data Surge Protection Module - Single unit price per each>>>> NOTE: Used in pairs	\$150.00
DSX-DP485	RS-485 Data Surge Protection Module - Single unit price per each>>>> NOTE: Used in pairs	\$150.00
DSX-220	Card Reader Cable Noise Filter - Signal Booster TX & RX module come as a set (1 set per reader)	\$525.00
DSX Products		
Part Number	Reader / Keypad Interfaces	List Price
	Reader Interfaces	
DSX-CKI-C	Cardkey Card Reader Interface 2 readers	\$150.00
DSX-CKI-K	Cardkey Card Reader + Keypad Interface / 2 reader keypads The CKI-K only works with a DSX-1032. To connect a Cardkey Reader/Keypad to a DSX Controller other than a "DSX-1032" use a CKI-C & a DSX-400IB. The CKI-C provides the reader interface for two readers & the DSX-400IB provides the keypad interface for one keypad. For two For two cardkey reader/keypads use 1 CKI-C and 2 DSX-400IBs.	\$220.00
DSX-PCI	PCSC Reader Interface 2 readers	\$150.00
DSX-CPI	Checkpoint Reader Interface 1 reader	\$150.00
DSX-WMI	Watermark Reader Interface 2 readers	\$150.00
DSX-RKM	ReadyKey/PAC Reader Interface 2 readers	\$150.00
DSX-AMI	AMAG 321 Reader Keypad Interface 1 readers	\$150.00
	Keypad Interfaces	
DSX-400IB	3 x 4 to 8 bit Wiegand Interface 1 keypad	\$150.00
DSX-400IC	3 x 4 to 8 bit Clock and Data Interface 1 keypad	\$150.00
DSX-400ID	BCD to 8 bit Wiegand Interface 1 keypad	\$150.00
DSX-400CP	Checkpoint Keypad to 8 bit Wiegand Interface 1 keypad	\$150.00
	Miscellaneous Interfaces	
DSX-400DM	Duress Module for 8 bit Wiegand keypads	\$150.00

	1 keypad	
DSX-400DL	Door Lock Module 1 controlled door	\$150.00
DSX Products		
Part Number	DSX Basic Software - Access Version	List Price
Order the basic software package that you need and if you require any of the Advanced Features order the DSX Features Key with those features enabled.		(NOTE: Bold Blue Font Indicates New Product or Price Change)
Basic Software:		
WinStart	WinDSX for Windows 2000 Pro/XP Pro/Vista Business	\$200.00
	Starter/Update Kit includes 1-WinDSX Software CD, 1-Tech Binder and 2-WinDSX User Guides. This version uses Micorsoft Access™ for the DataBase engine.	
	Does not include Operating System.	
	This version of Software does notrequire the use of a DSX Features Key but the Advanced Features used with this version do	
WinDSX - Upgrade CD	WinDSX Software on CD Only - No printed documentation	\$125.00
	Micorsoft Access™ version only	
DSX Features Key / Advanced Features		
DSX Features Key	The Features Key is a USB dongle that prevents unauthorized use of certain software features. There is only one DSX Features Key per system and one or both of the Advanced Features listed below can be enabled on the same key.	
	The cost of the DSX Features Key is the accumulative price of one or both of the Advanced Features listed below. If you want to add a feature to an existing key see ModifySwKey on page 8.	
DSX-AES256	Communication Encryption NEW	\$8,772.00
	AES-256 bit Encryption can be implemented between the Comm Server and the Workstation PCs and between the Comm Server and the Intelligent Controllers. Requires Version 3162 in the DSX Controllers.	
DVR Integration	Digital Video Recorder Integration can be enabled in the DSX Features Key. With the Features Key installed on any PC in the system the DVR integration is available at all WinDSX Workstations. For more information see page 8.	
	The DSX Features Key with DVR Integration enabled comes with a driver disk that has some of the drivers available from DSX. There are some drivers that must be obtained from the DVR manufacturer. More than one driver can be used at the same time with a single Key.	
Live Image Capture	Live Image Capture can be enabled in the DSX Features Key to allow for live video from a DSX CamKit. Required to capture Card Holder images and signatures.	\$2,650.00
	If the System already has a DSX Features Key for DVR Integration this feature must be enabled in the same key	
	The DSX Features Key with Live Image Capture is not required for Live Image Capture from a TWAIN compatible video source.	
DSX Products		
Part Number	DSX System Software - SQLs Version	List Price
Order the SQL software package that you need and if you require any of the Advanced Features order them at the same time so they can be enabled in the DSX Features Key that comes with the SQL Software.		(NOTE: Bold Blue Font Indicates New Product or Price Change)
SQL Software:		
WinStartSQL	WinDSX for Microsoft SQL Server	\$2,000.00
	Starter/Update Kit includes 1-WinDSX SQL Software CD, 1-Tech Binder, 2-WinDSX User Guides and a DSX Features Key.	
	NOTE: Does not include Microsoft SQL Server™	
	This product requires advanced configuration. The Dealer or End User must have a Microsoft SQL Server Administrator to install, configure, and maintain the SQL Server on site.	

WinDSXSQL - Upgrade CD	WinDSXSQL Software on CD Only - No printed documentation The Upgrade Version does not come with a DSX Features Key.	\$950.00
DSX Features Key / Advanced Features		
DSX Features Key	The Features Key is a USB dongle that enables use of certain software features. There is only one DSX Features Key per system and one or both of the Advanced Features listed below can be enabled on the same key.	
The cost of the DSX Features Key is the <u>accumulative price</u> of one or both of the Advanced Features listed below. If you want to add a feature to an existing key see <u>ModifySwKey</u> on page 8.		
DSX-AES256	Communication Encryption NEW AES-256 bit Encryption can be implemented between the Comm Server and the Workstation PCs and between the Comm Server and the Intelligent Controllers. Requires Version 3162 in the DSX Controllers.	\$8,772.00
DVR Integration	Digital Video Recorder Integration can be enabled in the DSX Features Key. With the Features Key installed on any PC in the system the DVR integration is available at all WinDSX Workstations. For more information see page 8. The DSX Features Key with DVR Integration enabled comes with a driver disk that has some of the drivers available from DSX. There are some drivers that must be obtained from the DVR manufacturer. More than one driver can be used at the same time with a single Key.	\$1,650.00
Live Image Capture	Live Image Capture can be enabled in the DSX Features Key to allow for live video from a DSX CamKit. Required to capture Card Holder images and signatures. The DSX Features Key with Live Image Capture is not required for Live Image Capture from a TWAIN compatible video source.	\$2,650.00
DSX-HSCS	Hot Swap Comm Server Software The DSX-HSCS program manages the operation of a Redundant Comm Server PC for the WinDSX SQL Software . It allows two Comm Servers (the primary and backup PCs) to be online and ready at all times. The HSCS software monitors the Primary Comm Server and when it fails brings the Backup Comm Server online in its place.	\$7,000.00
DSX Products		
Part Number	Advanced Features - DVR / Live Image Capture	List Price
ModifySwKey	To order and add features to an existing DSX Features Key run the ModifySwKey.exe program on the PC where the DSX Features Key is installed and select Quit. The program will generate a HaspData.txt file. Print and include this file with your order for the new Advanced Feature. DSX will return to you a "Programming Code" that you will enter in the ModifySwKey program when you run it again. This will update your key to include the new feature.	(NOTE: Bold Blue Font Indicates New Product or Price Change)
DSX-AES256	Communication Encryption NEW AES-256 bit Encryption can be implemented between the Comm Server and the Workstation PCs and between the Comm Server and the Intelligent Controllers. Requires Version 3162 in the DSX Controllers.	\$8,772.00
DVR Integration	WinDSX has the ability to integrate with different Digital Video Recorders. This integration allows stored and live video from the DVR to be accessed within the DSX software. All video is transmitted across a Local Area Network connection. Real time video can be automatically displayed in response to alarm events. When programmed, the operator can request real time and stored video from the alarm acknowledgement screen or from any input/output or camera icon. Recorded Video can also be viewed while running a History report. Simply highlight the event you would like to see the video for and click the "Show Video" button. The system will find the video that matches the event time and date and display it on screen. DVR Integration can be enabled in the DSX Features Key. With the DSX Features Key installed on any PC in the system the DVR integration is available at all WinDSX Workstations.	\$1,650.00

	The Features Key with DVR Integration enabled comes with a driver disk that has some of the drivers available from DSX. There are some drivers that must be obtained from the DVR manufacturer. More than one driver can be used at the same time.	
	For available and pending drivers call DSX Technical Support and check the WebSite at this location: http://www.dsxinc.com/DSXDesignGuide/Docs/dvrs.htm	
Live Image Capture	Live Image Capture can be enabled in the DSX Features Key to allow for live video from a DSX CamKit. Required to capture Card Holder images and signatures.	\$2,650.00
	If the System already has a DSX Features Key for DVR Integration this feature must be enabled in the same key	
	The DSX Features Key with Live Image Capture is not required for Live Image Capture from a TWAIN compatible video source.	
DSX Products		
Part Number	DSX-HSCS Hot Swap Comm Server	List Price
	Hot Swap Software:	
DSX-HSCS	Hot Swap Comm Server Software	\$7,000.00
	The DSX-HSCS program manages the operation of a Redundant Comm Server PC for the WinDSX SQL Software . It allows two Comm Servers (the primary and backup PCs) to be online and ready at all times. The HSCS software monitors the Primary Comm Server and when it fails brings the Backup Comm Server online in its place.	
	>>> The SQL Server program must be run on a separate PC or cluster of PCs. The Hot Swap Software is only available with the WinDSX SQL software. This feature must be enabled in the DSX Features Key used for the SQL Software.	
	** DSX Features Key should be installed at Backup Comm Server.	
	>>> If communications to all Location Master Controllers is performed using TCP/IP there is no additional hardware required. Master Controllers with LAN communications that are configured for a dynamic connection will automatically communicate to the Backup Comm Server.	
	>>> If Direct Serial Ports connections and/or Dial-up Modems are used for Location Master Controller communications a DSX-SPS Serial Port Switcher is required. <i>More details on this below.</i>	
	Hot Swap Hardware:	
DSX-SPS	Serial Port Switcher	\$1,900.00
	The DSX-SPS is the hardware required to switch physical serial port connections from the Primary Comm Server PC to the Backup Comm Server PC. The DSX-SPS consists of a DSX-1040E rail mount enclosure, DSX-1040 PDP, the DSX-SPST serial port switch trigger module, and a single DSX-2PC two port controller. The DSX-SPS provides everything necessary to switch two comm ports. ** For more than two Comm Ports use additional DSX-2PCs.	
DSX-2PC	Two Port Controller	\$490.00
	Each DSX-2PC provides two switched serial ports. The DSX-SPS comes ready for two ports. Add up to 9 more DSX-2PCs for a total of 20 ports.	
	>>> The Backup Comm Server must have the same number of serial ports as the the Primary Comm Server plus 1 additional serial port for the connection to the DSX-SPST Serial Port Switch Trigger Module.	
DSX Products		
Part Number	Integration Software - PC Master / Soft I/O	List Price
PC Master	DSX software that allows a PC to take the place of a Master controller and communicate with slave panels using TCP/IP over a LAN/WAN.	\$1,675.00
	This is not required for PC to Master Controller communications using TCP/IP.	
	The Comm Server communicates to the PCM computer over the network. It downloads the Location data to the PCM and supervises the communication to the PCM just as if it were a Master Controller.	

	The PCM then communicates and Polls the Slave panels just like a Master Controller. The only difference is the Slave Controllers are connected to the Network using LAN Serial Devices such as the one manufactured by DSX.	
	The PCM can communicate with up to 63 Slave controllers each with its own LAN connection or multiple Slave Controllers can be connected to the same LAN serial device. The PCM supervises the communication to these LAN Slave panels and performs all global communication duties such as Linking and Anti-Passback.	
	Each PCM represents 1 Location. Multiple PCM computers can be used to allow the Comm Server to communicate with more than 1 Location via the LAN/WAN.	
Soft I/O	Software provides a bridging interface between the DSX control panel network & various other devices and systems. Inputs and Outputs of other systems can be integrated and mapped into WinDSX through this interface. The base Soft I/O program without	\$2,650.00
	The base Soft I/O program without any special drivers will accept and send data on an open ended ASCII format	
	** For special protocol communications select from the list of drivers below. Contact DSX for the creation of special drivers.	
	NOTE> The cost of the Drivers listed below is added to the base cost of Soft I/O.	
	*** Special Drivers: Add To The Base Cost of Soft I/O ***	
	Kone Elevator High Level Interface:	\$62.00
	Cost per Landing (per Cab specific Floor Select Button)	
	OTIS Elevator High Level Interface:	\$62.00
	Cost per Landing (per Cab specific Floor Select Button)	
	SIA Automation Output For Digital Receiver	\$1,750.00
	TOA Intercom	\$1,750.00
DSX Products		
Part Number	DSX Literature / Demo Units	List Price
	Documentation	
Tech-Binder	DSX Technical 3 Ring Binder	\$75.00
	Contains: System specifications, design guide, software installation, user guide, hardware installation, quick reference cards	
ResourceCD	DSX Technical documents on CD	\$75.00
	This CD contains all DSX documents in PDF format and all drawings in Visio file format. Sample Reports are also included on the CD.	
WinMAN	WinDSX User Guide – Extra Copy only	\$10.80
DS-3RBIND	DSX Logo 3 Ring Binder - Empty binder only /no documentation	\$18.00
	DSX Demo Units	
DS-1022D	DSX-1022 Demo Unit All Pre-configured DSX-1022 controller, enclosure with handle, 1 mullion mount prox reader, cards, transformer & communications cable, egress & door position switches.	\$1,648.00
DS-1042D	DSX-1042 Demo Unit All Pre-configured DSX-1042 controller, enclosure with handle, 1 mullion mount prox reader, cards, 1040CDM, Power Supply, FRB8, communications cable, egress & door position switches.	\$1,852.00
DS-1048D	DSX-1048 Demo Unit All Pre-configured 4-DSX-1042 controllers, enclosure w/handle, 2 mullion mount prox readers, cards, 1040CDM, Power Supply, FRB8, communications cable, egress & door position switches.	\$4,822.00
DSX Products		

Part Number	DSX Miscellaneous Items	List Price
DSX-TDM	Time Display Module (TDM) 4 Digit, 1 inch LED TDMs work between the PC and Master using a Direct or LAN connection, or on any Slave Controller.	\$345.00
DSX-TDM5	Time Display Module - LARGE (TDM) 4 Digit, 5 Inch LED Requires 16.5V Transformer (sold separately). TDMs work between the PC & Master using a Direct or LAN connection, or on any Slave Controller.	\$1,250.00
DSX-1030PR5	Retrofit Processor no enclosure. Upgrade Processor to existing 1030 Series I/O Controllers. Provides 512K of RAM and 512K of Flash Rom	\$450.00
32K-PSET	Two 32K Byte Firmware Chips for each Panel Upgrade Specify Latest Version for WinDSX. **This firmware is for the 1030 series and the 1021 (not the 1022).	\$90.00
32K-RAM	32K Byte RAM Chip For Memory Expansion Specify if DSX is to install the RAM in panels being shipped. DSX-1040 series controllers and the DSX-1022 does not require memory upgrades.	\$37.35
DSX-1021MX	Memory Expansion Module for DSX-1021/1020 Controllers (Not for 1022 Controllers) 32K RAM chips can be added for expansion up to 192K * Memory expansion module for rev 3 or higher DSX-1020 Series Controllers. * Specify the proper number of RAM chips, to be inserted into the module. * Controllers prior to rev 3 must be sent to DSX for module upgrade. * Standard repair fee for rev 1 and 2 controllers. * ½ standard repair fee for rev 3 and higher controllers.	\$211.00
16V-XFR	16.5 Volt 40 VA Plug-In Transformer	\$22.00
12V-BATT	12 Volt 7 Amp Hour Battery	\$33.40
MOV22	12 Volt MOV Lock Surge Suppressor Bag of 100 only	\$88.80
MOV38	24 Volt MOV Lock Surge Suppressor Bag of 100 only	\$88.80
277-LOCK	DSX Enclosure Lock with 1 key	\$6.00
Part Number	XceedID Proximity Readers	List Price
XceedID Legacy 125 KHz Proximity Readers		(NOTE: Bold Blue Font Indicates New Product or Price Change)
XF-1050B-B	Mini-Mullion mount with up to 3" read range based on credential. Black	\$95.50
XF-1550	Single Gang mount with up to 4.5" read range based on credential. Black	\$180.00
Metal Compensated, Indoor/Outdoor. Reads HID, GE/Casi, AWID, LenelProx cards		
XceedID Transition to SmartCard Reader:		
XF1100	Mullion mount with up to 5" read range based on credential. Black	\$200.00
XF1500P	Single Gang mount with up to 4.5" read range based on credential. Black	\$200.00
XF2100	Mid Range with up to 8" read range based on credential. Black	\$242.00
XF2110	Mid Range Reader/Keypad with up to 8" read range based on credential. Black	\$361.00
MP1000	Mullion Reader mounting Plate adapts mullion reader to single gang plate	\$16.00
Metal Compensated, Indoor/Outdoor. Read most 125kHz prox cards such as HID, GE/Casi, AWID, LenelProx cards, and Mifare, ISOX Smart Cards		
XceedID Transition to SmartCard Readers with FIPS 201/PIVII		
XF1100-PIV	Mullion mount with up to 6" read range based on credential. Black	\$200.00
XF2100-PIV	Mid Range with up to 6" read range based on credential. Black	\$242.00

XF2110-PIV	Mid Range Reader/Keypad up to 6" read range based on credential. Black	\$361.00
	Read most 125kHz prox cards such as HID, GE/Casi, AWID, LeneIProx cards and Smart Cards such Mifare, ISOX, and DesFire. These readers are FIPS201/PIVII compliant	
	XceedID ISOX Smart Card only Reader	
XF1060XX	Mini-Mullion mount with up to 3" read range. Black	\$101.00
XF1560	Single Gang mount with up to 3" read range. Black	\$180.00
	For More Information go to www.xceedid.com	
Part Number	XceedID Smart Cards	List Price
	XceedID 125Khz HID Compatible Cards for Access Control only	(NOTE: Bold Blue Font Indicates New Product or Price Change)
7410	Clamshell HID 125Khz Compatible Card for Access Control only	\$2.50
7510	ISO compliant HID 125Khz Compatible Direct Print Card for Access Control only	\$4.25
7510M1	ISO compliant HID 125Khz Compatible Direct Print Card with MagStripe	\$4.76
7610	ISO compliant HID 125Khz Compatible KeyTag	\$4.39
	XceedID Smart Cards for Access Control only	
9420	Clamshell ISOX Lite Smart Card for Access Control only	\$2.96
9520	ISO compliant Direct Print Card for Access Control only	\$3.62
	XceedID Smart Cards for Access Control and other Applications	
9440	Clamshell ISOX with 10K application area	\$3.38
9540	ISO compatible Direct Print Card with 10K application area	\$4.24
9540M1	ISO compatible Direct Print Card with 10K application area & Magstripe	\$4.61
9640	Durable Smart Keytag with 10K application area	\$4.80
9641	Epoxy Smart Surfboard Tag with 10K application area	\$6.34
9740	PVC Patch Card with 10K application area	\$4.61
	Standard Card and Tag Orders must be in Quantities of 100.	
	Additional Card Order	
	When ordering cards for an existing job you MUST list the Format (26, 33...bits). For 26-bit you must list the facility code and the highest numbered card currently in the system. DSX 33 bit cards are never duplicated therefore you cannot specify a different facility code or card number range. The next available card numbers are shipped to you. There will be an additional .50 charge per card on all "special order" cards. SPECIAL ORDER CARDS are any cards that are not DSX stock cards and are ordered from the manufacturer when DSX receives the order.	
	Warranty	
	XceedID Readers and ISOX credentials have limited lifetime warranty. MIFARE and DESFire credentials have limited 1 year warranty.	
Part Number	Wiegand Swipe & Insert Readers / Cards	List Price
	HID Swipe & Insert Readers	(NOTE: Bold Blue Font Indicates New Product or Price Change)
W-S	Wiegand Indoor/Outdoor Swipe Reader	\$541.00
W-T	Wiegand Indoor/Outdoor Turnstile Swipe Reader	\$865.00
W-I	Wiegand Indoor/Outdoor Insert Reader	\$622.00
W-K	Wiegand Indoor/Outdoor Key Reader	\$561.00

W-SPIN	Wiegand Indoor/Outdoor Swipe w/keypad Order Keypad: With 8 bit output for Card+PIN OR With 26 bit output for Card or PIN	\$1,238.00
	HID Wiegand Cards & Keys	
W-CC	Wiegand Access Card	\$8.17
W-Prox	HID Prox Plus with Wiegand	\$16.20
W-KC	Wiegand Access Key Cards	\$13.05
W-DSC	Wiegand Direct Print Dye Sublimation Card	\$7.77
Orders		
Standard Card and Tag Orders must be in Quantities of 50.		
Special Card and Tag Orders must be in Quantities of 100.		
Additional Card Order		
When ordering cards for an existing job you MUST list the Format (26 or 33 bits) , the facility code , and the highest numbered card currently in the system. DSX 33 bit cards are never duplicated therefore you cannot specify a different facility code or card number range. The next available card numbers are shipped to you. There will be an additional .50 charge per card on all "special order" cards. Special Orders Cards are any cards that are not DSX stock cards and are ordered from the manufacturer when DSX receives the order.		
Delivery		
Delivery time is 6 - 8 weeks. Card orders for other than DSX stock facility code will be provided with a possibility of +/- 10% over/under ordered quantity. W-DSC have a possibility of + 20% over/under ordered quantity. Dealer is responsible for accepting and paying for variance in order. This is the manner the card manufacturer fills orders.		
Important		
If Card and/or Reader formats are not specified, DSX 33 bit will be shipped. Direct Print Cards are not pre-punched. The card must be punched after being printed. Punches are not available through DSX.		
Part Number	HID Proximity Readers	List Price
	HID Proximity Readers	
ID-PL6005	ProxPoint 3" Mullion Mount Reader Grey	\$123.00
ID-MP5365	MiniProx 4" Mullion Mount Reader Beige or Grey	\$207.00
ID-TL5395	ThinLine II 4" Wall Switch Reader Beige, Grey, Black, White	\$211.00
ID-PR5355	ProxPro 8" Proximity Reader Has screw terminals for termination	\$252.00
ID-PR5455	ProxPro 8" Proximity Reader Same as 5355 but has pigtail for termination	\$233.00
ID-PR5455-GMK	Glass Mount Kit allows the ID-5355 and 5455 to mounted to Glass.	\$20.00
ID-PK5355-8	ProxPro 8" Reader w/ Keypad Keypad has an 8 bit output for Card + PIN	\$413.00
ID-PK5355-26	ProxPro 8" Reader w/ Keypad Keypad has a 26 bit output for Card or PIN	\$413.00
ID-MX5375	MaxiProx 25" Proximity Reader 24 Volt Linear Power Supply required	\$672.00
*** HID Proximity readers will be supplied in Grey if no color is specified ****		
Part Number	HID Proximity Cards	List Price
	HID Proximity Cards	
ID-1326	HID Proxcard II w/Lifetime Warranty	\$3.01
ID-1336	HID DuoProx II Direct Print single side + Magstripe	\$6.08
ID-1346	HID ProxKey II Key Chain Keyfob	\$6.18

ID-1386	HID ISOProx II Direct Print - both sides	\$5.70
ID-1351	HID Power Prox Vehicle ID Tags - Minimum order of 10	\$34.27
ID-1391	HID MicroProx Tag - Adhesive back/quarter size	\$4.60
ID-1321	HID Adhesive Backed Photo Pouch that can be attached to an ID-1326 card. Can be used to replace the ID-1366 card.	\$1.50
Orders		
Standard Card and Tag Orders must be in Quantities of 50.		
Special Card and Tag Orders must be in Quantities of 100.		
Additional Card Order		
When ordering cards for an existing job you MUST list the Format (26 or 33 bits), the facility code, and the highest numbered card currently in the system. DSX 33 bit cards are never duplicated therefore you cannot specify a different facility code or card number range. The next available card numbers are shipped to you. There will be an additional .50 charge per card on all "special order" cards. Special Orders Cards are any cards that are not DSX stock cards and are ordered from the manufacturer when DSX receives the order. To order additional Prox Cards for an existing 34 bit HID / Cardkey System specify reverse 26 bit cards.		
Delivery		
Delivery time is 4 weeks if not in stock.		
Important		
If Card and/or Reader formats are not specified, DSX 33 bit will be shipped.		
Part Number	HID Iclass Proximity Readers	List Price
HID Iclass Proximity Readers		
6100	R10 Indoor/Outdoor Mullion Mount Read Only. Range 1-3 inches	\$115.00
6120	R40 Indoor/Outdoor Wallswitch Mount Read Only. Range 1-4 inches	\$218.00
6125	RP40 In/Out Wallswitch Read Only HID Prox/Iclass/FIPS 201. Range 1-3 inches	\$251.00
6130-8	RK40 Indoor/Outdoor Wallswitch Read Only With KeyPad. Range 1-3 inches...Keypad has an 8 bit output for Card + PIN operation.	\$399.00
6130-26	RK40 Indoor/Outdoor Wallswitch Read Only With KeyPad. Range 1-3 inches...Keypad has an 8 bit output for Card OR PIN operation.	\$399.00
6136-8	RK40 Indoor/Outdoor Wallswitch Read Only With KeyPad. Range 1-3 inches...Keypad has an 8 bit output for Card + PIN operation. Prox/Iclass/FIPS 201.	\$435.00
6136-26	RK40 Indoor/Outdoor Wallswitch Read Only With KeyPad. Range 1-3 inches...Keypad has an 8 bit output for Card OR PIN operation. Prox/Iclass/FIPS 201.	\$435.00
6150	R90 Indoor/Outdoor Long Range Read Only. Range Up to 18 inches	\$630.00
*** 6150 in Black only. All others in Grey or Black. Grey is default color ****		
Part Number	HID Iclass Proximity Cards	List Price
HID IClass Cards		
2000	Direct Print Contactless Smart Card. 2K bits with 2 areas	\$4.34
2001	Direct Print Contactless Smart Card. 16K bits with 2 areas	\$7.85
2002	Direct Print Contactless Smart Card. 16K bits with 16 areas	\$7.85
2020	Direct Print Contactless Smart Card + HID Prox card. 2K bits with 2 areas	\$9.34
2021	Direct Print Contactless Smart Card + HID Prox card. 16K bits with 2 areas	\$11.03
2022	Direct Print Contactless Smart Card + HID Prox card.	\$11.03

	16K bits with 16 areas	
2050	Contactless Smart Key Tag. 2K bits with 2 areas	\$5.65
2051	Contactless Smart Key Tag. 16K bits with 2 areas	\$9.39
2052	Contactless Smart Key Tag. 16K bits with 16 areas	\$9.39
2060	Contactless Smart Stick On Tag. 2K bits with 2 areas	\$3.80
2061	Contactless Smart Stick On Tag. 16K bits with 2 areas	\$6.54
2062	Contactless Smart Stick On Tag. 16K bits with 2 areas	\$6.54
2080	Contactless Smart Card clamshell. 2K bits with 2 areas	\$2.90
	Magstripe	
	Any IClass card with magstripe has additional cost of \$.60 Per Card.	
	Orders	
	Standard Card and Tag Orders must be in Quantities of 50.	
	Special Card and Tag Orders must be in Quantities of 100.	
	Additional Card Order	
	When ordering cards for an existing job you MUST list the Format (26 or 33 bits),	
	the facility code, and the highest numbered card currently in the system. DSX 33 bit	
	cards are never duplicated therefore you cannot specify a different facility code or card	
	number range. The next available card numbers are shipped to you.	
	There will be an additional .50 charge per card on all "special order" cards.	
	Special Orders Cards are any cards that are not DSX stock cards and are ordered	
	from the manufacturer when DSX receives the order.	
Part Number	Pyramid Associates Proximity Readers	List Price
	Pyramid Proximity Readers:	(NOTE: Bold Blue Font Indicates New Product or Price Change)
P- 300	Cascade Proximity Reader. Mullion Mount, 4" Read Range Includes Black and Off-White Covers	\$92.00
P- 300-H	Same Doorframe reader as above but with HID™ compatibility.	\$92.00
P- 300-AWID	Same Doorframe reader as above but with AWID™ compatibility.	\$92.00
P- 400	Gibraltar Proximity Reader. Mullion Mount, 1" Read Range High Vandal Resistance Mullion Mount Reader	\$519.70
P- 400-H	Same Stainless Steel and Fiber-Tex construction as above but HID™ compatible	\$519.70
P- 500	Alps Proximity Reader. Wall Mount, 5" Read Range Includes Black and Off-White Covers	\$105.30
P- 500-H	Same Single Gang Box Mount as above but with HID™ compatibility.	\$105.30
P- 500-AWID	Same Single Gang Box Mount as above but with AWID™ compatibility.	\$105.30
P- 600-8	Rocky Proximity Reader & Essex Keypad, 4" Read Range Includes Black and Off-White Covers For Card + PIN applications that require both a card read and keypad PIN	\$428.00
P- 600-8-H	Same as the single piece reader&keypad above but with HID™ compatibility.	\$428.00
P- 600-26	Rocky Proximity Reader & Essex Keypad, 4" Read Range Includes Black and Off-White Covers For Card OR PIN applications that require both a card read and keypad PIN	\$428.00
P- 600-26-H	Same as the single piece reader or keypad above but with HID™ compatibility	\$428.00
P- 700	Yukon Medium Range Proximity Reader, 14" Read Range Includes Black Cover only	\$203.50

P- 700-H	Same Medium Range Reader as above but with HID™ compatibility	\$203.50
Delivery		
	Delivery time is 4 weeks if not in stock.	
Important		
	If Card and/or Reader formats are not specified, DSX 33 bit will be shipped.	
Part Number	Pyramid Proximity Cards	List Price
	Pyramid Proximity Cards:	(NOTE: Bold Blue Font Indicates New Product or Price Change)
PSC-1	Credit Card Size Proximity Card, Lifetime Warranty Standard vertical (portrait) slot punch. Imprinted Number	\$2.40
PSC-1-H	HID Compatible Credit Card Size Proximity Card , Lifetime Warranty Standard vertical (portrait) slot punch. Imprinted Number	\$ Call For Pricing
PSI-4	Extra Durable Direct Print Proximity Card, Lifetime Warranty 80% of Normal Read Range / Credit card size except for .046 inches thick	\$2.40
	***** Make sure your card printer can accept a card this thick *****	
PSM-2P	ISO Credit Card Size Proximity Card, 1 Year Warranty Direct Print Card / 80% of Normal Read Range / .031 inches thick	\$4.50
PSM-2S	ISO Credit Card Size Proximity Card, 1 Year Warranty Direct Print Card, 3 Track High Coercivity Magnetic Stripe / 80% Read Range	\$4.90
PSK-3	Proximity Key Ring Tag, Lifetime Warranty Durable and Small Tag attaches to key ring / 50% Normal Read Range	\$5.27
Orders		
	Standard Card and Tag Orders must be in Quantities of 50 .	
	Special Card and Tag Orders must be in Quantities of 100 .	
Additional Card Order		
	When ordering cards for an existing job you MUST list the Format (33, 32 or 26 bits) , the facility code , and the highest numbered card currently in the system. DSX 33 bit cards are never duplicated therefore you cannot specify a different facility code or card number range. The next available card numbers are shipped to you. There will be an additional .50 charge per card on all "special order" cards. Special Orders Cards are any cards that are not DSX stock cards and are ordered from the manufacturer when DSX receives the order.	
Delivery		
	Delivery time is 4 weeks if not in stock. Allow 4-6 weeks delivery for PSM cards if not in stock.	
Important		
	If Card and/or Reader formats are not specified, DSX 33 bit will be shipped.	
Part Number	Indala Proximity Readers	List Price
	Indala Proximity Readers:	
FP4551A	(ASR-500) Indoor/Outdoor ValueProx 4" Reader (Black /Beige)	\$260.00
ASR-501-8	Indoor/Outdoor Wallswitch 4" Reader/Keypad (Black /Beige) This Keypad has an 8 bit output for Card + PIN .	\$522.00
ASR-501-26	Indoor/Outdoor Wallswitch 4" Reader/Keypad (Black /Beige) This Keypad has a 26 bit output for Card OR PIN	\$522.00
FP3511A	(ASR-603) Indoor/Outdoor Door Frame 5" (Mullion) Reader (Black)	\$260.00
FP3517A	(ASR-603) Indoor/Outdoor Door Frame 5" (Mullion) Reader (Beige)	\$260.00
FP3521A	(ASR-605) Indoor/Outdoor Wallswitch 5" Reader (Black)	\$260.00
FP3527A	(ASR-605) Indoor/Outdoor Wallswitch 5" Reader (Beige)	\$260.00
FP3231A	(ASR-610) Indoor/Outdoor Standard 12" Reader (Black)	\$350.00
FP3237A	(ASR-610) Indoor/Outdoor Standard 12" Reader (Beige)	\$350.00

ASR-620	(ASR-620) Indoor/Outdoor Long 28" Reader, (Black) 24V Linear Power Supply required	\$836.00
PR-Series Products have been discontinued. You Can Not Mix ASR and PR series cards and readers! Call for pricing and availability on the ASR-503 and ASR-505 Proximity Readers.		
Linear, Curve and Wave Readers available upon request. Call for Pricing. Allow 3-4 weeks for delivery.		
Important		
If Card and/or Reader formats are not specified, DSX 33 bit will be shipped. You must specify the bit format for both the readers and the cards.		
Part Number	Indala Proximity Cards	List Price
Indala Proximity Cards:		
FlexPass 121T	(FPCRD) Credit Card Size Proximity Card, Lifetime Warranty Standard vertical (portrait) slot punch	\$3.56
FlexKey Keytag	(FPKEY) Key Tag Proximity Card, Lifetime Warranty	\$6.25
FlexPass ISO-30	(FPISO) Direct Print Card, read range is 75% of ASR-121 card	\$7.00
FlexPass ISO-30M	(FPISOWMAG) Direct Print Card with Magnetic Stripe	\$7.60
FlexISOXT-30M	(FPIXT) Direct Print Card, Extra Durable	\$8.16
FlexTag	(FPTAG) Adhesive-Backed Prox card - Quarter size	\$6.25
Order Quantities		
Minimum card order for DSX stock cards is 50, and is sold in quantities of 50.		
Minimum order for ISO-30 & ISO-30M 33 bit cards is 50, and is sold in quantities of 50.		
Additional Card Order		
When ordering cards for an existing job you MUST list the Format (26 or 33 bits) , the facility code , and the highest numbered card currently in the system. DSX 33 bit cards are never duplicated therefore you cannot specify a different facility code or card number range. The next available card numbers are shipped to you.		
There will be an additional .50 charge per card on all "special order" cards.		
Special Orders Cards are any cards that are not DSX stock cards and are ordered from the manufacturer when DSX receives the order.		
Delivery		
Delivery time is 4 weeks if not in stock. Allow 4-6 weeks delivery for ISO-30 cards if not in stock.		
Important		
If Card and/or Reader formats are not specified, DSX 33 bit will be shipped.		
Part Number	Magnetic Stripe Readers	List Price
Mercury Readers		
MR-10	Gray Indoor/Outdoor Mag Stripe Swipe Reader Readers are set to read Track 2. Track 1 is a field option. Track 3 is a special order.	\$310.00
MR-20	Gray Indoor/Outdoor Mag Stripe Swipe Card + Membrane Keypad For Card + Pin applications Readers are set to read Track 2. Track 1 is a field option. Track 3 is a special order.	\$410.00
BR-20	Stainless Indoor/Outdoor Mag Stripe Swipe Card + Heavy Duty Keypad Card + Pin applications	\$750.00
WP-10	Single Gang Wall Plate For MR-## Readers	\$11.50
WS-10	Single Gang Weatherized Stainless Housing for MR Readers	\$41.50
Magnetic Stripe Cards (DISCONTINUED)		
NOTICE:	DSX no longer sells encoded magnetic stripe cards. See Page 25 for non-encoded Magnetic stripe cards.	

Part Number	Bar Code	List Price
Time Keeping Systems Bar Cards Readers		
TKS-110	Indoor/Outdoor Bar Code Swipe Reader 12-volt	\$285.00
Delivery		
Delivery Time is 3 - 4 Weeks if not in stock.		
Part Number	Keypads	List Price
Essex Keypads - Single Gang Units:		
DS-12-8W	10 Digit Indoor/Outdoor Single Gang Keypad - 8 Bit Wiegand Burst Providing 4 to 7 digit codes. Can be used standalone or added to some readers for Card + PIN operation.	\$295.00
DS-12-8C	10 Digit Indoor/Outdoor Single Gang Keypad - 8 Bit Clock and Data providing up to 7 digit codes. Can be added to some barcode and magstripe readers with a clock and data output for Card + PIN operation.	\$295.00
DS-12-26	10 Digit Indoor/Outdoor Single Gang Keypad - 26 Bit Wiegand Providing up to 5 digit codes (65534 is highest number possible.) Can be added to some readers for Card or PIN operation.	\$295.00
SH34SI	Illuminated Spy Proof Housing for Single Gang Keypads (not for SL units)	\$130.00
Essex Keypads - Mullion Mount Units:		
DS-12-SL8	10 Digit Indoor/Outdoor Slim Line Keypad - 8 Bit Wiegand Burst Providing 4 to 7 digit codes. Can be used standalone or added to some readers for Card + PIN operation.	\$270.00
DS-12-SL26	10 Digit Indoor/Outdoor Slim Line Keypad - 26 Bit Wiegand Burst Providing up to 5 digit codes (65534 is highest number possible.) Can be added to some readers for Card or PIN operation.	\$270.00
Essex Keypads - Reader/Keypad Units:		
PiezoProx-8	10 Digit Indoor / Outdoor Single Gang Keypad with HID Prox Reader providing 4 to 7 digit codes. Used for Card + PIN operation.	\$485.00
PiezoProx-26	10 Digit Indoor / Outdoor Single Gang Keypad with HID Prox Reader providing 5 digit codes (65534 is highest number possible). Used for Card or PIN operation.	\$485.00
Note:		
When adding a Keypad to a Card Reader on the same reader port of a Controller, be sure that both are either Wiegand or Clock and Data. Clock and Data devices cannot be mixed with Wiegand Devices on the same reader port.		
Part Number	Photo ID Badging	List Price
CamKit	Camera, Lens, Tripod, USB Cable, Flash & Power Supply High Resolution (1280 X 1024) USB Camera, 8-48mm Zoom Lens, Tripod, and USB Cable includes integral Flash and power supply (Requires DSX Features Key...See Page 6-7)	\$2,750.00
Direct Print Cards		
CR-80M	500 Mag. Stripe Direct Print Cards, 30 mil	\$145.00
CR-80	500 Plain White Cards, 30 mil	\$92.00
FAR-81759	500 Adhesive Back Direct Print Cards, 10 mil	\$220.00
HID Swipe, HID Proximity, and Indala Proximity Direct Print Cards can be found in their respective sections.		
Orders		

Standard Card and Tag Orders must be in Quantities of 50.	
Special Card and Tag Orders must be in Quantities of 100.	

PC Hardware Requirements

The DSX Windows 2000/XP/Vista™ compatible Software has the following hardware requirements. These HARDWARE specifications are minimum requirements, which can always be exceeded if desired. **All PCs used in the WinDSX system must meet these minimum requirements for the system to be supported by DSX.**

Note /// System performance is dependant on the PC and LAN processing speed. The faster the PC, LAN, and the more memory the faster the system will operate. If you have any questions regarding the DSX software and PC requirements, call DSX Technical Support.

CPU Minimums

Pentium 1.6GHz (or better) - Host PC for single PC, single location system, or LAN workstation for single location system. **512 RAM**

Pentium 1.8GHz (or better) - LAN Comm Server or File Server for single location system, or workstation for multi-location system. **1G RAM**

Pentium 2.4GHz (or better) - LAN Comm Server and/or combination File Server for multi-location system. **1G+ RAM** - minimum

Windows™ Operating Systems

7 Professional™ compatible with Version 3.7/4.7 & higher

Vista Business™ compatible with Version 3.7/4.7 & higher

XP Professional™ - Compatible with WinDSX version 3.5/4.5 & higher

2K Professional™ w Service Pack 2 - Compatible with WinDSX version 3.1/4.0 & lower.

2K Professional™ w Service Pack 3 - Compatible with WinDSX version 3.5/4.5 & higher

Server 2000 / 2003 / 2008™ -compatible w/Version 3.5/4.5 & higher. **Requires the use of Active Directory.**

Microsoft SQL Server™ Version 2000 / 2005-SP3 / 2008

Required only for SQL DataBase deployment and management.

(Optional) WinDSX uses Microsoft Access™ and WinDSX SQL™ uses Microsoft SQL Server™. SQL Server software is sourced separately.

Memory

512M of RAM Memory - Basic System **512M** minimum and **1G+** recommended for multi-Location, multi-PC, Badging, LAN File Servers, & LAN Comm Servers.

Back-up Device

Back-up Drive - Windows™ compatible device that is recognized as a logical drive by Windows.

Drives

One CD-ROM Drive 16x or better -WinDSX is available on CD only.

1Gigabyte Hard Disk Space or better - The basic system software when installed is approximately 50M. The actual size required is dependant on the size of the database, the number and size of graphic maps, the number and size of card holder images, and the amount of history to be accrued.

Monitors

One color monitor SVGA 800 x 600 - The DSX Software is SVGA compatible. **The program will not run in monochrome.** 800 x 600 or better and small fonts is preferred. 65,000 colors or better if using badging and imaging features. 17" monitor preferred but not required.

65,000 colors or better if using badging and imaging features. 17" monitor preferred but not required.

Local Area Network

LAN Adapter Card 10/100 Mbit or better LAN card is required for LAN applications only. 100Mbit is optimum. If there is no LAN use the MS-Loopback Adapter (virtual adapter provided on the appropriate Windows™ version distribution CD).

TCP/IP - This protocol must be loaded even if there is no LAN. This can be loaded with the MS-Loopback Adapter.

Note /// The Communication Server program (runs on the PC with the connection to the field controllers only) requires a static TCP/IP address and uses **socket 22223 / 22224.**

Peripherals

Serial Ports - At least one serial port is needed for either direct or dial-up modem communications. It may be necessary to use a a USB to serial adapter. Belkin Components F5U109 / 409 or equivalent device is required.

Mouse - Mouse and keyboard are required. Microsoft IntelliMouse® or equivalent recommended but not required.

Modem - DSX provided External modem only.

Audible Device

Sound Card - Windows™ and Sound Blaster™ compatible PCI Bus sound card. WinDSX supports WAV files that are played back upon alarm.