DSX®

PC Hardware Requirements

DSX, DSX-SQL, PC Master, L85 and SIO are compatible with the latest and most recent Windows Platforms. PC Hardware and Operating Systems for these applications are outlined below. The hardware requirements are a minimum specification, which can always be exceeded if desired. All PCs used in the DSX system must meet these minimum requirements for the system to be supported by DSX.

Note /// System performance is dependent on the PC and LAN processing speed. If you have any questions regarding the DSX software and PC requirements, please call DSX Technical Support.

CPUs Minimums	Application
Pentium 2.8 GHz Dual Core (or better)	Host PC for single PC, single location system, or LAN workstation for single location system. 4G RAM
Pentium 2.8 GHz (or better)	LAN Comm Server or File Server for single location system, or workstation for multi-location system. 4G RAM
Pentium 2.8 GHz Dual Core (or better)	LAN Comm Server and/or combination File Server for multi-location system. 8G RAM - minimum

Memory Minimums	Application
4G	Basic System, Single PC
4-84G+	Multi-Location Comm Server and Badging

Drive Minimums	Application
USB Port for Flash Drive	Software Installation
1G Hard Drive Space minimum	Basic System requires 50M

Monitor	Application
SVGA 800 x 600 or better	Badging, Maps
65,000 colors or better	
17" or larger recommended	

LAN Communications	
Adapter 100Mbit or better	100M or better recommended
Requires TCP/IP Protocol	Use MS Loopback Address if there is no LAN
Comm Server	Static IP Address -required
LAN Modules	Static IP Address -required
Comm Server to Controller	UDP - ports 4000 to 5000
Comm Server to Workstation	TCP - ports 22223 / 22224

Sound	Application
Windows™ compatible sound card.	DSX can play WAV files for input alarms.

Backup Gear	Application
Windows™ compatible Backup gear.	DSX can send backups to logical drive. DSX SQL uses SQL Server for backups.

Modem	
DSX External dial-up	DSX Modems are the only modems supported by DSX.

Serial Ports	
DSX-USB – USB to RS-232 / RS-485.	Direct and Dialup communications require a serial port.

Client Operating Systems	DSX Version
Windows™ 10 Pro +64 bit	3.10.11 / 4.10.11 and higher
Windows™ 8.1 Pro +64 bit	3.7.154 / 4.8.114 and higher
Windows™ 7 Pro + 64 bit	3.7.152 / 4.8.112 and higher
The Comm Server Program can run on a Client Operating System.	

Server Operating Systems	
Server 2008 R2	3.7.152 / 4.8.112 and higher
Server 2012 R2	3.9 / 4.9 and higher
Server 2014	3.9 / 4.9 and higher
Server Operating Systems require Active Directory.	

SQL Server	
SQL 2005 Svc Pack 3	DSX SQL requires Microsoft SQL Server. DSX uses Microsoft Access.
SQL 2008	3.7 / 4.7 and higher
SQL 2008 R2 +64bit	3.7 / 4.7 and higher
SQL 2012 R2 +64bit	*additional configuration
SQL 2014	*additional configuration

Dependencies	.NET Framework 4.0 or >
Comm Server	For DSX_Key_Monitor.exe
Client Workstation	For WebCam, Email/Text