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Issue 1	H/W and O/S Compatibility - SmartLF Gx, Cx+, Gx+, Ci, SC	Date: 2012-06-14
This document intended to supplement the installation and operation manual or training and instruction sessions provided by Colortrac and its partners		

SCAN APPLICATION V. CURRENT OPERATING SYSTEM FOR SMARTLF SCANNERS

Operating System	SmartLF Gx	SmartLF Cx+	SmartLF Gx+	SmartLF Ci	SmartLF SC
Windows XP	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ Touch** SmartWorks Pro*
Windows Vista	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ Touch SmartWorks Pr
Windows 7	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ SmartWorks EZ Touch SmartWorks Pro	SmartWorks EZ Touch SmartWorks Pro

* SmartLF SC operates as a USB2 connected scanner for Windows XP. This is a limitation of the XP operating system.

** SmartLF SC operates as a USB2 connected scanner for Windows XP. On first-use some icons and Windows may not size correctly. These are limitations of the XP operating system.

USING SMARTLF SC SCANNERS WITH THE XP WINDOWS OPERATING SYSTEM

- The Windows XP computer must be loaded with minimum Microsoft Service Pack 3
- The scanner will connect using USB2 ONLY (although the same cable shipped with the scanner can be used)
- SmartWorks EZ Touch and EZ Touch Plus software is not guaranteed to work with touch screen monitors on an XP system
- Colortrac recommend users operate the scanner with a keyboard and mouse instead of a touch screen
- The GUI (graphical user interface) of SmartWorks EZ Touch and EZ Touch Plus software will have some minor corruptions on first run after install on XP. Closing the application and re-starting the scan application will clear this problem
- IMPORTANT NOTE: Colortrac testing shows that some 3rd party devices when connected to the same XP PC as the scanner using USB2 will corrupt the Colortrac XP driver installation. Examples we know about include mobile phones and web cameras using Arcsoft Magic Eye software that is sometimes bundled with Laptops and external web cams. We recommend a clean XP OS with Service Pack 3 when the scanner is installed and no other USB2 peripheral devices must be connected

COMPUTER HARDWARE REQUIREMENTS FOR SMARTLF SCANNERS (MAY 2012)

- Colortrac software is compatible with Windows XP, Windows Vista and Windows 7 operating systems. Please note the limitations for Windows XP when using SmartLF SC scanners and the SmartWorks EZ Touch software
- Colortrac SmartWorks EZ and SmartWorks EZ Touch software operate in Touch Mode with Windows 7 using a compatible touch screen without additional drivers. To use these programs with Windows Vista or Windows XP, a touch driver from the touch screen manufacturer is required. For optimal screen comfort with SmartWorks EZ operators on higher resolution touch monitors (above 1280 pixels height axis) users may prefer to reduce the screen operating resolution slightly or run with a larger screen font size
- SmartWorks EZ Touch is designed to work with monitors which have a screen height axis resolution of 800 pixels or better
- SmartWorks EZ Touch is a full-time, full screen application and is not designed to be minimised. To select other programs while still running SmartWorks EZ Touch use we suggest the user keys in Alt+Tab
- Microsoft .NET may need to be installed or updated on older operating systems when installing the Colortrac SmartWorks EZ bundled software (SmartWorks EZ Touch does not require .NET)
- Minimum of Intel Celeron, Core-Duo, Core-2-Duo or 2.8GHz Hyper-Threading (HT), i3,i5 or i7 processors or AMD Dual-Core processors
- Memory – 2GB RAM for XP and 32-bit Windows 7, 3GB RAM for 64-bit Windows 7, 3GB RAM for Vista 32-bit or 64-bit with minimum 2GB for applications and 20GB free for images
- Hard disk – high speed 7,200rpm Serial ATA (SATA) HDD (not suitable for USB3 operation)

SPECIAL REQUIREMENTS FOR SMARTLF SC 42 RUNNING USB3

- For USB2 operation – as above
- For USB3 operation – SATA 6.0Gbit/sec USB3 on the motherboard and SATA 6.0Gbit 7,200 rpm HDD controller and minimum of 4GB memory. Manufactured PCs with pre-configured USB3 PCIe add-in cards are acceptable
- SC SmartLF scanners have an enhanced USB2 speed and are approximately 50% faster than earlier generation USB2 Colortrac scanners. A higher performance computer may be required to match the maximum scan and data speeds achievable with the newer generation USB2
- IMPORTANT: SmartLF SC scanners operate as USB2 devices under Windows XP and will not achieve their maximum designed USB3 data speed of 60-80MB/sec. To achieve high USB3 scan speeds a Windows Vista, Windows 7 or later operating system must be used with the computer specification described above
- SmartLF SC 42 is not compatible with the Etron USB3 motherboard chipset
- Colortrac recommended PC specification for SmartLF Gx, Cx+, Gx+, Ci, and SC scanners
- Colortrac recommend a computer specification that exceeds the processor speed, RAM and architecture of the minimum specification

GENERAL SCANNER APPLICATION SOFTWARE NOTES

- All Colortrac scanner application software is 32-bit and compatible with 32-bit and 64-bit Windows operating systems. On a 64-bit operating system 32-bit emulation mode is used. 32-bit emulation mode running inside a 64-bit architecture is not likely to improve scanner performance
- All Colortrac scanner Ethernet, USB2 and USB3 drivers are compatible with 32-bit and 64-bit computer processor architectures. All Colortrac scanners are compatible with Windows Vista, Windows 7 and Windows XP operating systems
- Computers must be USB2/USB3 compatible and have Gigabit Ethernet data ports for Ethernet equipped scanners. Directly connected Gigabit Ethernet switches or 10/100 switches will not work
- Colortrac SmartLF 4080 is not compatible with 64-bit operating systems and is not tested for Windows 7.