



HSM USB Serial Driver Release 3.2.3 – 8/07/2015 contains:

- Driver Version 2.1.9.3
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
 - PM43 – USB COM Port
 - PM43c – USB COM Port
 - PM23c – USB COM Port
 - PC43d – USB COM Port
 - PC23 – USB COM Port
 - PC43t – USB COM Port
 - PD43 – USB COM Port
 - PD43c – USB COM Port
 - Airline Device 1 – USB COM Port
 - Airline Device 2 – USB COM Port
 - Airline Device 3 – USB COM Port
 - Airline Device 4 – USB COM Port



HSM USB Serial Driver Release 3.2.2 – 8/05/2015 contains:

- Driver Version 2.1.9.3
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
 - PM43 – USB COM Port
 - PM43c – USB COM Port
 - PM23c – USB COM Port
 - PC43d – USB COM Port
 - PC23 – USB COM Port
 - PC43t – USB COM Port
 - PD43 – USB COM Port
 - PD43c – USB COM Port
 - Airline Device 1 – USB COM Port
 - Airline Device 2 – USB COM Port
 - Airline Device 3 – USB COM Port
 - Airline Device 4 – USB COM Port



HSM USB Serial Driver Release 3.2.1 – 6/23/2015 contains:

- Driver Version 2.1.9.3
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
 - PM43 – USB COM Port
 - PM43c – USB COM Port
 - PM23c – USB COM Port
 - PC43d – USB COM Port
 - PC23 – USB COM Port
 - PC43t – USB COM Port
 - PD43 – USB COM Port
 - PD43c – USB COM Port
 - Airline Device 1 – USB COM Port
 - Airline Device 2 – USB COM Port
 - Airline Device 3 – USB COM Port
 - Airline Device 4 – USB COM Port



Summary

The Honeywell Scanning & Mobility (HSM) USB Serial Driver is a CDC ACM driver that exposes HSM USB scanners as a virtual COM port to the operating system and applications. This document covers the following topics relating to the HSM USB Serial Driver:

- Supported Operating Systems
- Enhancements and Bug Fixes
- Known Issues

Supported Operating Systems

The following operating systems are supported and WHQL certified with this driver:

- Windows 8.1 – 32 bit and 64 bit
- Windows 8 – 32 bit and 64 bit
- Windows 7 – 32 bit and 64 bit
- Windows XP – 32 bit and 64 bit
- Windows Vista – 32 bit and 64 bit

The following operating systems are supported (there is no WHQL certification for these operating systems):

- Windows Embedded Point of Service (WEPOS)
- Windows Embedded POSReady 2009
- Windows Embedded POSReady 7

Enhancements and Bug Fixes

None

Known Issues

- When Force COM port feature is enabled, the friendly name found in device manager->ports does not have the (COM#) suffix immediately after installation. However, it does get added on next driver start.
- Blue screen may occur on some devices using Windows XP SP2 when coming out of suspend mode. This can be fixed by Windows XP SP3 or Windows Hot Fix 949483.

<http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnum=949483&kbIn=en-us>

- Known differences between legacy Hand Held Products COM Em driver (hhpcdc.sys) and Honeywell Scanning & Mobility (HSM) USB Serial Driver:
 - The Registry name under [HKLM \HARDWARE\DEVICEMAP\SERIALCOMM]\Device\ is different from the legacy driver. The old name is "HhpcdcVirtualPortx." The new name is "honeywell_cdc_AcmSerialx."
 - Applications will NOT receive a WM_DEVICECHANGE notification. The driver emulates a serial COM port, which exists in the system even when the USB device has been detached. However, there is an open handle to this device. This is the difference between the legacy Hand Held Products driver and the new driver. The WM_DEVICECHANGE notification is received from the DeviceManager when a device is created/removed.



Because the device is not removed, the WM_DEVICECHANGE message is not generated.