Honeywell

HSM USB Serial Driver Release 3.4.9 – 02/19/2015 contains:
- Driver Version 2.1.9.1
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
  - Xenon 1900, Xenon 1902
  - Honeywell Access Point (HAP)
  - Voyager-1250
  - Hyperion 1300
  - Industrial Area-Imaging Scanner
  - Industrial Charge & Communication Base (CCB02)
  - Honeywell N5600 Series Area Image Engine (PID_0974 is added)
  - Voyager 1200
  - IS4823 Microquest Decode, IS4920 Vuquest, Access Point, MS1690 Focus, MS1691 FocusHD, MS1633 FocusBT, MS5145 Eclipse, MS7820 Solaris, MS7600 Horizon, MS3580 QuantumT, MS7120 Orbit, MS7180 OrbitCG, MS3780 Fusion, MS2420 Stratos, MS2421 Stratos, MS2422 Stratos, MS2430 Stratos, MS2431 Stratos, MS2320 StratosH, MS2321 StratosH, MS2322 StratosH, MS2122 StratosE, MS4980 Vuquest, MS4984 Vuquest, MS7580 Genesis, MS9520 Voyager, MS9521 Voyager, MS9540 VoyagerCG, MS9541 VoyagerCG, MS9535 VoyagerBT, MS9590 VoyagerGS, MS9590i VoyagerGS, MS9591i VoyagerGS
  - MS4980 Vuquest, MS7580 Genesis (NOTE: supports PID 0731 only, which requires custom firmware for both devices)
  - 5110 Area Imager
  - 3800i, 4800dr, QC890, 4206
  - 5180 Area Imager
  - 4600g, 4800p, 3800g
  - Vuquest 3310
  - Voyager-CCB00
  - Honeywell N8600 Series Area Image Engine
  - Voyager 1400g Series
  - Stratos 2700
  - Laser Engine-N4300
  - Genesis 7580 Area-Imaging Scanner
  - 4850DR Document Imager
  - ED40
  - Voyager 1450g
  - 14XX Charge & Communication Base
  - Granit 1981i CCB
  - **Granit 1980i**
  - 1602 Honeywell Access Point
  - Xenon HC Charge and Communication Base
  - 1981 Honeywell Access Point
  - Voyager-CCB00-Battery-Free
  - **For all other HSM devices, please continue to use the HSM USB Serial Driver version 1.19**

Disclaimer for HSM USB Serial Driver 3.4.9

At this time support is generally limited to barcode data for the Stratos 2300/2400 product family. Features that need incremental embedded firmware to support for virtual communication port features like Single Cable Scanner-Scale protocols (NCR,etc…), ACK-NAK handshaking, Not On File Messages, and others will need to be added via the standard EWR process. Note that embedded firmware and hardware upgrades may also be required. Please consult your Honeywell Scanning & Mobility representative for further guidance

Honeywell

HSM USB Serial Driver Release 3.4.8 – 01/07/2015 contains:
- Driver Version 2.1.9.1
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
  - Xenon 1900, Xenon 1902
  - Honeywell Access Point (HAP)
  - Voyager-1250
  - Hyperion 1300
  - Industrial Area-Imaging Scanner
  - Industrial Charge & Communication Base (CCB02)
  - Honeywell N5600 Series Area Image Engine (PID_0974 is added)
  - Voyager 1200
  - IS4823 Microquest Decode, IS4920 Vuquest, Access Point, MS1690 Focus, MS1691 FocusHD, MS1633 FocusBT, MS5145 Eclipse, MS7820 Solaris, MS7600 Horizon, MS3580 QuantumT, MS7120 Orbit, MS7180 OrbitCG, MS3780 Fusion, MS2420 Stratos, MS2421 Stratos, MS2422 Stratos, MS2430 Stratos, MS2431 Stratos, MS2320 StratosH, MS2321 StratosH, MS2322 StratosH, MS2122 StratosE, MS4980 Vuquest, MS4984 Vuquest, MS7580 Genesis, MS9520 Voyager, MS9521 Voyager, MS9540 VoyagerCG, MS9541 VoyagerCG, MS9535 VoyagerBT, MS9590 VoyagerGS, MS9590i VoyagerGS, MS9591i VoyagerGS
  - MS4980 Vuquest, MS7580 Genesis (NOTE: supports PID 0731 only, which requires custom firmware for both devices)
  - 5110 Area Imager
  - 3800i, 4800dr, QC890, 4206
  - 5180 Area Imager
  - 4600g, 4800p, 3800g
  - Vuquest 3310
  - Voyager-CCB00
  - Honeywell N8600 Series Area Image Engine
  - Voyager 1400g Series
  - Stratos 2700
  - Laser Engine-N4300
  - Genesis 7580 Area-Imaging Scanner
  - 4850DR Document Imager
  - ED40
  - Voyager 1450g
  - 14XX Charge & Communication Base
  - Granit 1981i CCB
  - 1602 Honeywell Access Point
  - Xenon HC Charge and Communication Base
  - 1981 Honeywell Access Point
  - Voyager-CCB00-Battery-Free
  - **For all other HSM devices, please continue to use the HSM USB Serial Driver version 1.19**

Disclaimer for HSM USB Serial Driver 3.4.8

At this time support is generally limited to barcode data for the Stratos 2300/2400 product family. Features that need incremental embedded firmware to support for virtual communication port features like Single Cable Scanner-Scale protocols (NCR,etc…), ACK-NAK handshaking, Not On File Messages, and others will need to be added via the standard EWR process. Note that embedded firmware and hardware upgrades may also be required. Please consult your Honeywell Scanning & Mobility representative for further guidance

Honeywell

HSM USB Serial Driver Release 3.4.6 – 12/01/2014 contains:
- Driver Version 2.1.9.1
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
    - Xenon 1900, Xenon 1902
    - Honeywell Access Point (HAP)
    - Voyager-1250
    - Hyperion 1300
    - Industrial Area-Imaging Scanner
    - Industrial Charge & Communication Base (CCB02)
    - Honeywell N5600 Series Area Image Engine (PID_0974 is added)
    - Voyager 1200
    - IS4823 Microquest Decode, IS4920 Vuquest, Access Point, MS1690 Focus, MS1691 FocusHD, MS1633 FocusBT, MS5145 Eclipse, MS7820 Solaris, MS7600 Horizon, MS3580 QuantumT, MS7120 Orbit, MS7180 OrbitCG, MS3780 Fusion, MS2420 Stratos, MS2421 Stratos, MS2422 Stratos, MS2430 Stratos, MS2431 Stratos, MS2320 StratosH, MS2321 StratosH, MS2322 StratosH, MS2122 StratosE, MS4980 Vuquest, MS4984 Vuquest, MS7580 Genesis, MS9520 Voyager, MS9521 Voyager, MS9540 VoyagerCG, MS9541 VoyagerCG, MS9535 VoyagerBT, MS9590 VoyagerGS, MS9590i VoyagerGS, MS9591i VoyagerGS
    - MS4980 Vuquest, MS7580 Genesis (NOTE: supports PID 0731 only, which requires custom firmware for both devices)
    - 5110 Area Imager
    - 3800i, 4800dr, QC890, 4206
    - 5180 Area Imager
    - 4600g, 4800p, 3800g
    - Vuquest 3310
    - Voyager-CCB00
    - Honeywell N8600 Series Area Image Engine
    - Voyager 1400g Series
    - Stratos 2700
    - Laser Engine-N4300
    - Genesis 7580 Area-Imaging Scanner
    - 4850DR Document Imager
    - ED40
    - Voyager 1450g
    - 14XX Charge & Communication Base
    - Granit 1981i CCB
    - 1602 Honeywell Access Point
    - Xenon HC Charge and Communication Base
    - 1981 Honeywell Access Point
    - **For all other HSM devices, please continue to use the HSM USB Serial Driver version 1.19**

Disclaimer for HSM USB Serial Driver 3.4.6

At this time support is generally limited to barcode data for the Stratos 2300/2400 product family. Features that need incremental embedded firmware to support for virtual communication port features like Single Cable Scanner-Scale protocols (NCR,etc…), ACK-NAK handshaking, Not On File Messages, and others will need to be added via the standard EWR process. Note that embedded firmware and hardware upgrades may also be required. Please consult your Honeywell Scanning & Mobility representative for further guidance

Honeywell

HSM USB Serial Driver Release 3.4.2 – 10/23/2014 contains:
- Driver Version 2.1.9.1
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
    - Xenon 1900, Xenon 1902
    - Honeywell Access Point (HAP)
    - Voyager-1250
    - Hyperion 1300
    - Industrial Area-Imaging Scanner
    - Industrial Charge & Communication Base (CCB02)
    - Honeywell N5600 Series Area Image Engine (PID_0974 is added)
    - Voyager 1200
    - IS4823 Microquest Decode, IS4920 Vuquest, Access Point, MS1690 Focus, MS1691 FocusHD, MS1633 FocusBT, MS5145 Eclipse, MS7820 Solaris, MS7600 Horizon, MS3580 QuantumT, MS7120 Orbit, MS7180 OrbitCG, MS3780 Fusion, MS2420 Stratos, MS2421 Stratos, MS2422 Stratos, MS2430 Stratos, MS2431 Stratos, MS2320 StratosH, MS2321 StratosH, MS2322 StratosH, MS2122 StratosE, MS4980 Vuquest, MS4984 Vuquest, MS7580 Genesis, MS9520 Voyager, MS9521 Voyager, MS9540 VoyagerCG, MS9541 VoyagerCG, MS9535 VoyagerBT, MS9590 VoyagerGS, MS9590i VoyagerGS, MS9591i VoyagerGS
    - MS4980 Vuquest, MS7580 Genesis (NOTE: supports PID 0731 only, which requires custom firmware for both devices)
- 5110 Area Imager
- 3800i, 4800dr, QC890, 4206
- 5180 Area Imager
- 4600g, 4800p, 3800g
- Vuquest 3310
- Voyager-CCB00
- Honeywell N8600 Series Area Image Engine
- Voyager 1400g Series
- Stratos 2700
- Laser Engine-N4300
- Genesis 7580 Area-Imaging Scanner
- 4850DR Document Imager
- ED40
- Voyager 1450g
- **For all other HSM devices, please continue to use the HSM USB Serial Driver version 1.19**

Disclaimer for HSM USB Serial Driver 3.4.2

At this time support is generally limited to barcode data for the Stratos 2300/2400 product family. Features that need incremental embedded firmware to support for virtual communication port features like Single Cable Scanner-Scale protocols (NCR,etc…), ACK-NAK handshaking, Not On File Messages, and others will need to be added via the standard EWR process. Note that embedded firmware and hardware upgrades may also be required. Please consult your Honeywell Scanning & Mobility representative for further guidance

Honeywell

HSM USB Serial Driver Release 3.1.4 – 5/23/2014 contains:
- Driver Version 2.1.9.1
- Driver package: Windows Hardware Quality Labs (WHQL) Certified. Supporting devices:
    - Xenon 1900, Xenon 1902
    - Honeywell Access Point (HAP)
    - Voyager-1250
    - Hyperion 1300
    - Industrial Area-Imaging Scanner
    - Industrial Charge & Communication Base (CCB02)
    - Honeywell N5600 Series Area Image Engine (PID_0974 is added)
    - Voyager 1200
    - IS4823 Microquest Decode, IS4920 Vuquest, Access Point, MS1690 Focus, MS1691 FocusHD, MS1633 FocusBT, MS5145 Eclipse, MS7820 Solaris, MS7600 Horizon, MS3580 QuantumT, MS7120 Orbit, MS7180 OrbitCG, MS3780 Fusion, MS2420 Stratos, MS2421 Stratos, MS2422 Stratos, MS2430 Stratos, MS2431 Stratos, MS2320 StratosH, MS2321 StratosH, MS2322 StratosH, MS2122 StratosE, MS4980 Vuquest, MS4984 Vuquest, MS7580 Genesis, MS9520 Voyager, MS9521 Voyager, MS9540 VoyagerCG, MS9541 VoyagerCG, MS9535 VoyagerBT, MS9590 VoyagerGS, MS9590i VoyagerGS, MS9591i VoyagerGS
    - MS4980 Vuquest, MS7580 Genesis (NOTE: supports PID 0731 only, which requires custom firmware for both devices)
    - 5110 Area Imager
    - 3800i, 4800dr, QC890, 4206
    - 5180 Area Imager
    - 4600g, 4800p, 3800g
    - Vuquest 3310
    - Voyager-CCB00
    - Honeywell N8600 Series Area Image Engine
    - Voyager 1400g Series
    - Stratos 2700
    - Laser Engine-N4300
    - Genesis 7580 Area-Imaging Scanner
    - 4850DR Document Imager
    - ED40
    - **For all other HSM devices, please continue to use the HSM USB Serial Driver version 1.19**

Disclaimer for HSM USB Serial Driver 3.1.4

At this time support is generally limited to barcode data for the Stratos 2300/2400 product family. Features that need incremental embedded firmware to support for virtual communication port features like Single Cable Scanner-Scale protocols (NCR,etc…), ACK-NAK handshaking, Not On File Messages, and others will need to be added via the standard EWR process. Note that embedded firmware and hardware upgrades may also be required. Please consult your Honeywell Scanning & Mobility representative for further guidance

Honeywell

Summary

The Honeywell Scanning & Mobility (HSM) USB Serial Driver is a CDC ACM driver that exposes HSM USB scanners as 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&kbln=en-us

- Known differences between legacy Hand Held Products COM Em driver (hhpcdc.sys) and Honeywell Scanning & Mobility (HSM) USB Serial Driver:

  o 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."

  o 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.