

# Technical Bulletin

## Datalogic 9400i Scanner/Scale Certification

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The Datalogic 9400i scanner/scale has been Certified with the current NCR ScanMaster V2 and ISS45 V8 POS applications.

### CONFIGURATION

Details of the Certified product configuration:

- Datalogic 9400i Scanner/Scale Configuration PSC-9420120015-003231
- Accessories and equipment:
  - P-USB Cable – 9400i P-USB Cable (PSC-90A052276 Rev A)
  - Customer Service Scanner – Model CSS4400 Class GFS4475 PIN PSC-90ACC0169 (P/N 770135600 Rev A) with included USB cable
- Test Environment:
  - NCR RealPOS XR6 (NCR-7603-1300-8801)
  - ISS45 version 8.1.7.0-190
  - ScanMaster version v2.09.00-120
  - Datalogic OPOS Datalogic OPOS 1.12.0084
- RS-232 Cabling and Power (briefly checked but not Certified)
  - RS-232 power-injected serial cable - PSC-90A052121 (Rev B)
  - Power supply for cable above – Datalogic (Phihong OEM) AC adapter with power cord (Model PSAA18U-120)

### SYSTEM SETUP NOTES

- NCR 7603 (RealPOS XR6) was loaded with the NCR POSReady 7 SP1 Image.
  - POSReady 7 was set up according to the NCR POSReady 7 Installation document for ISS45 V8 and ScanMaster.
  - The NCR Retail Platform Services for Windows 4060 was installed on the POS.
  - Datalogic OPOS v1.12.0084 was installed.
- ScanMaster uses the setting of TableScanner for the OPOS scanner name and TableScale for the OPOS scale name when using this scanner.
  - Select PSC Table Scanner/Scale-USB in the Make programs which support the PSC Table scanner.
  - The NCR POS make program available at this writing does not support this. The installer must edit the OLEforRetail registry for both the scanner and scale default settings.
- **ScanMaster:**

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- The 9400i Scanner/Scale was tested with v2.09.00-120.
- 9400i Driver's License scanning with ScanMaster is supported when running USB OEM and OPOS.
- Driver's License scanning also appeared to operate properly under serial with OPOS configuration.
- **For ISS45:**
  - The 9400i Scanner/Scale was tested with ISS45 V8.1.7.0-190.
  - Successfully scanning a Driver's License with ISS45 requires USB OEM and OPOS. In addition, the installer must set up General System Parameters (GSPs) and Checkout Banks for Drivers License Scanning.
  - 9400i Driver's License scanning is not compatible with ISS45 when using a serial/RS-232 interface or cabling
- Certification testing was carried out for ISS45 and ScanMaster only over USB OEM with OPOS interface.
- Quick/basic testing was performed for ISS45 using the 9400i serial/RS-232 interface and cabling without OPOS (as has been previously tested with other scanner/scale hardware) and with ScanMaster using RS-232 interface *with* OPOS (also as has been previously tested).
- To read Mobile Devices, the 9400i must have this feature enabled by scanning the required barcode tag.
- The barcode tags used during certification are documented in the installation guides for ISS45 and ScanMaster:
  - ScanMaster\_Datalogic\_OPOS\_1.12\_ScannerScale\_Install\_v12
  - Programming the PSC RS-232 Scanners for ISS45 v10
  - Programming the PSC USB Scanners for ISS45 v6
- To obtain USB COM Driver:
  - <http://www.datalogic.com/tools/download.aspx?iddwnfile=15281&path=%2fupload%2fmarketlit%2fsoftware%2fUSB+COM+Driver+5.22.2.0.zip&name=USB+COM+Driver+5.22.2.0&idcontatt=863>
- Install the USB COM driver before attaching the micro USB to the scanner.
- To obtain Datalogic Scanalyzer:
  - [http://www.datalogic.com/tools/download.aspx?iddwnfile=13687&path=%2fupload%2fmarketlit%2fsoftware%2fScanalyzer\\_0.7.5.0.zip&name=Scanalyzer\\_0.7.5.0&idcontatt=863](http://www.datalogic.com/tools/download.aspx?iddwnfile=13687&path=%2fupload%2fmarketlit%2fsoftware%2fScanalyzer_0.7.5.0.zip&name=Scanalyzer_0.7.5.0&idcontatt=863)
- Connect to scanner with a Micro-USB cable. The port is under the scale platter and covered by a rubber seal located between the two windows.
- Scanalyzer capture:



## SUMMARY RESULTS AND CERTIFICATION

- POS orders were successfully scanned with barcode types:
  - UPC-A
  - UPC-E
  - EAN-8
  - EAN-13
  - Code 128/EAN128 (used for Blackhawk cards)
  - DataBar/RSS-14
  - DataBar Expanded (Coupons, Random Weight items)
  - Interleaf 2 of 5 scanning is limited to ScanMaster only. This barcode type is not supported or Certified with ISS45.
  - Driver's license testing (Pennsylvania and West Virginia only, using 2-D imaging)
- General orders were rung to test the scale operations.
- The Customer Service Scanner was attached via USB and required no additional programming to read the above codes with the exception of Interleaf 2-of-5.
  - To read I 2-of-5, the scanner must be enabled with a barcode tag as documented.
- The primary 9400i scanner as well as the Customer Service Scanner successfully read coupons and barcodes from an Apple iPhone 5.
- No issues were observed during the testing other than any described above.

## SCOPE AND LIMITATIONS

NCR has Certified the Datalogic 9400i configuration as specified above, which will be henceforth supported with the listed ISS45 and ScanMaster software versions.

- Similar configurations (e.g. inclusion of other options for the Datalogic 9400i with different cable lengths etc.) and the Datalogic 9300i will be considered Certified by proxy and supported on a best-efforts basis.
- Previously certified NCR RealPOS terminals will be considered to be Certified by proxy with the subject devices and supported when using the specified operating systems, platforms, OPOS, RPSW and so forth.
- Terminals and devices from third-party POS manufacturers, regardless of previous certifications, may or may not operate successfully. At this time, only NCR POS terminals can be considered Certified and supported with the 9400i.

This Certification covers the Datalogic 9400i configuration with these POS software releases and their subsequent versions:

- ISS45 8.1.7.0-090
- ScanMaster v2.09.00-120
- Previous ISS45 and ScanMaster releases may also operate successfully with this product, but support is not committed.
- Driver's license testing was Certified for Pennsylvania and West Virginia only, and only with the current 2-D code versions of these licenses.
  - Driver's license scanning for ISS45 requires OEM USB and OPOS. No other USB version is Certified or supported for the 9400i Driver's license scanning.
  - Driver's licenses from other states may also scan, but no support commitments are made for driver's licenses from other states, specifications, license types or locations due to wide variations in the specifications and executions of these documents.
- Serial/RS-232 interfaces and cabling for the 9400i is not Certified or supported with ISS45 or ScanMaster. Successful operation may be possible with some POS versions and setups, and general scanning with the Datalogic 9400i was briefly checked successfully over serial cabling, but support is not available.
- Out of Scope – testing and Certifications are not provided for the Datalogic 9400i with anything not expressly declared above to be Certified.
- NCR reserves the right to remove Certification or modify the certified scope of any product or device at any time, and for any reason. NCR will make all reasonable, practical and economic efforts to support Certified products, but in no way warrants or guarantees support, compatibility or performance of any device or combination of products.
- See NCR Certification Policy ESS-07, Hardware Compatibility