

Technical Bulletin

NCR RealScan 79 (Class 7879) Scanner/Scale Certification

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The NCR Class 7879 scanner/scale (corded) has been Certified with NCR with the current ScanMaster V2 and ISS45 V8 POS applications.

CONFIGURATION

Details of the Certified product configuration:

- NCR Class 7879 configuration (NCR-7879-2000-xxxx)
- Accessories and equipment:
 - P-USB Cable – NCR-1432-C156-0040 (497-0445077 Rev C)
 - NCR Remote Customer Scanner – NCR-7878-K352-V001 with included cable NCR-497-0575634 Rev A
- Test Environment:
 - NCR ScanMaster version 2.09.00-120
 - NCR ISS45 version 8.1.7.0-190
 - NCR RPSW – 4.0.6.0
 - Scanner Firmware – 497-0507403 or later
 - NCR POS terminals with POSReady 7
- RS-232 Cabling and Power (briefly checked but not Certified)
 - RS-232 Serial Cable (non-powered) - NCR-1416-C019-0040 (497-0300422 Rev F)
 - RS-232 Powered Serial Cable - NCR-1432-C219-0040 (497-0451143 Rev C)
 - Power for RS-232 Cable - 0463355-API2AD13 with NCR-1416-C422-0030 AC/Mains power cable (006-1002021 Rev L)

SYSTEM SETUP NOTES

- *Specific setup processes are required for proper operation of the RealScan 79.* Do not attempt to set up or install the RealScan 79 without using the new RealScan 79 Setup and Configuration guides provided for ISS45 and ScanMaster. See the ISS45 Manuals and ScanMaster Manuals Pages of the [Solution Provider website](#) for the new manuals providing these detailed setup instructions and the necessary scan/setup labels for this device.
- This certification was performed using RPSW 4.0.6.0. (The minimum RPSW version is 4.0.3.6.)

- With ScanMaster, driver's license scanning requires IBM USB and editing of the Windows Registry:
 - HKEY_Local_Machine\Software\OLEforRetail\ServiceOPOS\Scanner\NCRScanner.7872\Model\LabelID
 - Change the "1" to "0" or set LABEL ID=DEFAULT in OPOS under Scanner.
 - Driver's License scanning with ScanMaster is available only when running IBM USB and OPOS and will not operate with a serial interface.
- With ISS45, driver's license requires IBM USB, as well as an ISS45 Global System Parameter (GSP) setup for Drivers License Scanning.
 - Driver's license scanning with ISS45 is available only when running IBM USB and OPOS and will not operate with a serial interface.

SUMMARY RESULTS AND CERTIFICATION

- The Class 7879 scanner/scale was successfully attached and Certified as a USB device attached to NCR POS terminals
- 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. It is not supported or Certified with ISS45.
 - Driver's license testing (Pennsylvania and West Virginia only, using 2-D imaging)
- Scale transactions were completed successfully.
- The Remote Customer Scanner was attached via USB and needed no additional programming to read the codes listed above.
- The 7879 scanner and the Remote Customer Scanner successfully read coupons and barcodes from an Apple iPhone5.
 - To scan/read a mobile device, press the camera button which disables the white light and enables reading an illuminated screen device. As currently supplied, the scanner is optimized for white-paper reading, but testing revealed that the scanner can read mobile devices without pressing the camera button depending upon lighting conditions.

SCOPE AND LIMITATIONS

NCR has Certified the 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 of the Class 7879 with different cable lengths etc.) will be considered Certified by proxy and supported with best efforts provided.
- Previously certified NCR RealPOS terminals will be considered to be Certified by proxy and supported when using the specified operating system, 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.

This Certification covers the NCR Class 2356 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 requires IBM USB. No other USB version is Certified or supported for the RealScan 79 when used for 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.
- USB with NCR OPOS as provided by NCR RPSW 4.0.6.0 is Certified (for general operation – see exception for driver's license scanning above).
 - Other OPOS versions or RPSW releases *may* be compatible, but are not Certified and support is not committed.
 - RS-232 is not Certified or supported. Successful operation may be possible with some POS versions and setups, and scanning with the RealScan 79 was briefly checked successfully over serial cabling, but support is not available.
- Out of Scope – testing and Certifications are not provided for the RealScan 79 with:
 - Anything not declared above as Certified
 - RealPOS or RealScan Flash Tools
 - EEPROM Configuration Tools
 - Sounds Conversion Tools
 - Alerts and Tallies v1
 - Alerts and Tallies v2
 - Flash Drive Prep
 - Ethernet support: Ethernet functions require firmware version R1.0.4 (497-0508345) which was not tested or Certified here.