

Technical Bulletin

NCR Class 2356-67xx Hand-Held Scanner Certification

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The NCR Class 2356 Model 67xx hand-held scanner (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 2356 Model 67xx configuration (NCR-2356-6701-0000)
- Accessories and equipment:
 - USB Cable – NCR-1432-C002-0025 (497-0452581, cable tag CBA-U01-S07ZAR)
 - RS-232 Powered Serial Cable – NCR-1432-C010-0025 (497-0452602, cable tag CBA-R01-S07PAR)
 - Power for RS-232 Cable – Motorola PWRS-14000-253R, including USA AC power mains cable NCR-2356-K102
 - P-USB Cable – NCR-1432-C012-0025 (497-0452604, cable tag CBA-U03-S0ZAR)
- 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 – NBRPUAAP
 - NCR RealPOS XR6 – NCR-7603-1300-8801
 - POSReady 7

SYSTEM SETUP

- See the ISS45 Manuals and ScanMaster Manuals Pages of the [Solution Provider website](#) for the new manuals providing detailed setup instructions and the necessary scan/setup labels for this device.
- This certification was performed using RPSW 4.0.6.0.
- The firmware version preloaded at time of testing was NBRPUAAP.dat as indicated in the RSM under scanner diagnostics, Device Information.
- Hand-held scanner NCR-2356-6707-0000 provides the same specifications and functions but is provided in beige color.
- USB with the OPOS interface was tested and Certified only:
 - Basic testing with RS-232 presented connection issues at the OPOS level and no testing was done using serial RS-232.

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- Although cables are available for RS-232 configuration of this product, the scanner's FAQ documentation recommends that the Class 2356 be interfaces using USB/OPOS.

SUMMARY RESULTS AND CERTIFICATION

- The Class 2356 Model 67xx hand-held scanner was successfully attached and Certified:
 - As a USB device to the POS terminal, and
 - As a USB device attached to the USB HOST (auxiliary for hand-held scanner) port on the NCR Class 7879 scanner/scale.
- 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)
- 2-D barcodes were successfully read from an Apple iPhone5.

SCOPE AND LIMITATIONS

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

- Similar configurations (e.g. other trim or color versions of the Class 2356 Model 67xx, USB with different cable lengths etc.) will be considered Certified by proxy and supported with best efforts provided.
- Previously certified NCR RealPOS terminals (other than the XR6 Class used here) from NCR 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 and are *not* certified by proxy or otherwise, and will not be supported.
- The NCR-2356-67xx is derived from the Motorola type DS6707 hand-held scanners. In many cases, the NCR OEM version will be provided with different firmware or different releases of firmware than an otherwise similar Motorola release. *This Certification does not certify by proxy any non-NCR version, whether by Motorola or as an OEM release from another manufacturer or vendor.*
- NCR's Class 2356 is broad and has included several different corded hand-held models over time, including the NCR-2356-12xx, NCR-2356-22xx, and NCR-2356-42xx. *Only the NCR-2356-67xx versions of the NCR Class 2356 are Certified here.*

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 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.
 - Other OPOS versions or RPSW releases *may* be compatible, but are not Certified and support is not committed.
 - RS-232 is not supported. Successful operation may be possible with some POS versions and setups, but support is not available.
- Attachment to the host/auxiliary port NCR scanner/scales other than the RealScan 79 (Class 7879) or scanner/scales from other manufacturers is not Certified and not supported.