

Sensormatic®

January 5th, 2005

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Dear Sir or Madam:

Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33431 hereby requests certification for the Sensormatic® AMB-4020 Hand-Held Scanner/Deactivator [FCC ID: BVCAMB4020] as set forth in the Federal Communication Commission's Rules and Regulations, Part 2 and 15.

The Sensormatic® AMB-4020 Hand-Held Scanner/Deactivator is a handheld device that can detect & deactivate ULTRAMAX EAS labels as well as scanning and reading barcode data.

The handheld scanner deactivator is marketed as part of a system consisting of the handheld scanner / deactivator and a base charging station that contains a 900 MHz frequency hopping system synchronization transmitter and various I/O ports. The base charging station is subject to a separate equipment authorization and is in the process of being filed with the Commission under FCC ID: BVCHH2BCS.

The Sensormatic® AMB-4020 Hand-Held Scanner/Deactivator is capable of driving an antenna to generate a magnetic field to excite tags, receive the signal and deactivate the tag when an acceptable tag signal is detected and verified. The tag detection transmitter operates at 58 kHz.

The Sensormatic® AMB-4020 Hand-Held Scanner/Deactivator also contains a deactivator operating at 1300 Hz, a laser bar code scanner for reading bar codes, a 900 MHz frequency hopping system synchronization receiver, and an OEM PDA integrated in the unit for user controls. The 900 MHz receiver was verified on the OATS listed under FCC Registration Number 90925 and complies with the applicable regulations.

The Sensormatic® AMB-4020 Hand-Held Scanner/Deactivator integrates the Symbol Technologies, Inc LA-4137 Compact Flash Wireless LAN Adapter that was originally approved under FCC ID: H9PLA4137P. Symbol Technologies has performed a Class I permissive change to approve the device under the FCC ID: H9PLA4137 identifier, but no changes were made to the device [still uses same integral antenna / etc.]. A copy of the letter from Symbol Technologies explaining this is appended. Radiated EMC measurements was performed on the WLAN card in the system and the results are included as part of the test report

Sincerely,



William M. Elliott
Sr. EMC Engineer, Compliance Engineering