

Metrologic VoyagerBT (Model MS9535) and SerialMagic Professional Configuration



SUMMARY

The Metrologic MS9535 (VoyagerBT) scanner works well with SerialMagic Professional on all available desktop (Windows, MacOSX, Linux) and mobile (PDAs and smartphones) platforms (Windows Mobile, Palm, BlackBerry, Symbian).

On mobile platforms, the MS9535 should be configured to operate by connecting directly (via Bluetooth) to the scanner from the handheld (Service Mode). On desktop platforms, the MS9535 can provide multiple Bluetooth connection options. 1) Cradle to computer connection and 2) Service mode directly to scanner. Each option provides their own advantages and are both supported by SerialMagic Professional.

The options for configuring the MS9535 in both modes are presented as follows. All essential barcodes needed connect with SerialMagic Pro are included, but are also available in the Configuration Guide provided with your scanner.

Cradle Connection to Computer

- Connect the MS9535 cradle to an available serial port on your computer. (Use the RS232 DB9 cable from Metrologic.) Note the COM port used for this connection. (ex. COM3: or COM5:, etc..)
- In SerialMagic Professional, select a Device Type of “MS 9535” and Connection Type of “RAW”.
- Once RAW is selected, the Configure Port Settings button should be enabled. Click this button to adjust settings.
- Change settings to **9600** Bits per Second, **7** Data Bits, **Space** Parity, **2** Stop Bits and **None** Flow Control. Click OK to complete changes.
- SerialMagic Professional is now ready.
- To pair your scanner to your cradle (base station), simply scan the barcode located at the center of the cradle. When the blinking blue light on the cradle goes solid, it has successfully connected the cradle to the scanner.

Additional Settings

- To work with SerialMagic Professional in Packet Mode (preferred), you must ensure that you’ve enabled STX as a prefix and CR as a suffix. Scan the following control barcodes to configure scanner appropriately: “Enable STX” and “Enable CR Suffix”
- To enable memory on your scanner, you must Enable the RangeGate feature. This allows your MS9535 to store scans in memory while disconnected from Bluetooth. When a connection is made, the contents of the scanners memory are downloaded at that time.
- To utilize your MS9535 to scan Bookland (EAN-13) barcodes to ISBN (10 Digit) numbers, you will need to enable ISBN Conversion in SerialMagic Professional as well as scan the Metrologic control code to “Enable AIM ID Characters”.

Note: The RS232 cable can be ordered along with the Metrologic MS9535 VoyagerBT scanner with the Metrologic Part #: MK9535-79B514.

Direct to Scanner (Service Mode)

- Scan the “Provide Service” barcode to configure scanner for Bluetooth SPP (serial port profile),
- Enable Bluetooth communications to your device.
- Go to Bluetooth Manager and Add New Bluetooth device.
- For best results, unplug the base station before “searching.” as the base station has a Bluetooth radio as well, and will appear.
- Look for VoyagerBT####, (#### is Serial Number of VoyagerBT)
- Select VoyagerBT
- Passkey is last 4 digits of VoyagerBT (scanner NOT base station) serial #. Ex. SN: 5605501203, passkey is 1203.
- Connection should complete.
- Note OUTBOUND COM port as this will be used by SerialMagic.
- Configure SerialMagic Using Device “Other” or “Generic”
- For PORT connection, choose COM## for Bluetooth Out connection (previously established)

To configure scanner to work with SerialMagic Packet Mode scan the following barcodes:






	Enable STX
	Enable CR Suffix
	Enable Range Gate – This will activate the memory feature on the scanner. If Bluetooth disconnects, scanner will store until scanner reconnects via Bluetooth then deliver scans.

For SerialMagic Professional to properly identify Bookland EAN barcodes (for ISBN data), the following barcode must be scanned into the VoyagerBT.

	Enable AIM ID Characters – To scan BOOKLAND codes.
	Disable AIM ID Characters – To scan NON-BOOKLAND codes.

Note: Use the following procedure to reset a locked up scanner (if scanning config barcodes that cause a lockup) or break a Bluetooth pairing between cradle and scanner. 1) Cradle should be powered on. 2) Place scanner in cradle. 3) While scanner is in cradle, pull power from cradle. The scanner should beep. 4) Restore power, and your scanner will have been reset.

Essential Control Barcodes

<p>Provide Service</p>  <p>3 0 0 0 C A 7 0 0 0 0 0 0</p>	<p>Provide Bluetooth Service (Configure to accept SPP Connection)</p>
 <p>3 1 1 6 6 1 3</p>	<p>Enable CR Suffix</p>
 <p>3 1 1 6 6 0 3</p>	<p>Disable CR Suffix</p>
 <p>3 1 1 6 6 1 5</p>	<p>Enable STX</p>
 <p>3 1 1 6 6 0 5</p>	<p>Disable STX</p>
 <p>3 9 9 9 9 9 8</p>	<p>Recall Defaults</p>
 <p>3 1 2 3 7 0 7</p>	<p>Enable Range Gate – Store scanned barcodes into memory.</p>
<p>Barcodes REQUIRED by SerialMagic Pro to identify Bookland (ISBN) Codes</p>	
 <p>3 1 0 7 9 1 5</p>	<p>Enable AIM ID Characters</p>
 <p>3 1 0 7 9 0 5</p>	<p>Disable AIM ID Characters</p>