

## Upgrading KDC Firmware

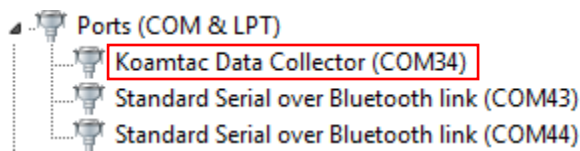
**Requires:** Windows PC, USB cable, KDC driver, KDC firmware application.

\*If using a KDC470 + SmartSled Custom Case, please see page 3 before going further.

For KDC Models 20/30/100/200/250/300/400's, Skip Steps 7-8.

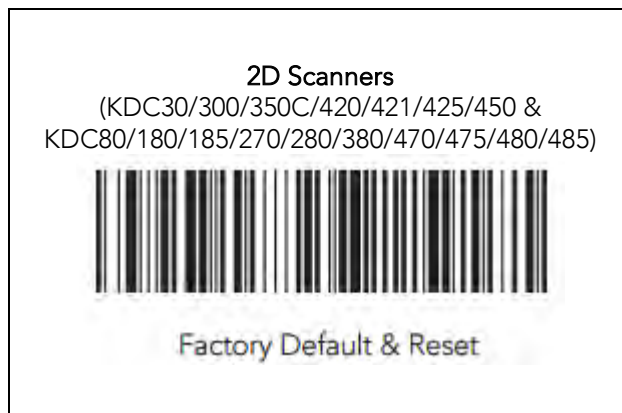
For KDC Models 80/180/185/270/280/350/380/470/475/480/485, Skip Steps 4-6.

1. Download KDC driver at: <https://www.koamtac.com/downloads/drivers/>
  - Extract the ZIP, run Setup.exe only.
  - Follow the instructions on the installation wizard.
2. Download KDC Firmware
  - Download KDC Firmware at: <https://www.koamtac.com/downloads/firmware/>
    - Choose your KDC model & firmware.
  - Or download the firmware from the link that KOAMTAC provides.
  - Extract the ZIP to a common location, open the application from the extracted folder.
3. Confirm the KDC Driver installed properly.
  - Disconnect the KDC from Bluetooth host.
  - Plug in KDC to PC via USB.
  - Navigate to Device Manager.
    - **Windows 7:** [Start > Control Panel > System and Security > System > Device Manager]
    - **Windows 10:** [Win+X Keys > M Key]
  - In Device Manager, click on Ports (COM & LPT). The KDC should be listed as "Koamtac Data Collector (COM##)."



4. Open the upgrade application and click "Step 1: Select Serial Port."
  - Make sure **all** programs are closed & KDC is not connected to any device via Bluetooth.
  - This should automatically detect the COM port the KDC is using.
  - If a blank drop-down menu appears, plug the KDC into a different USB port and try again.
5. Click "Step 2: Check KDC."
  - This will verify the current firmware of the KDC and ensure compatibility with the new firmware to be downloaded.
6. Click "Step 3: Download New F/W" underneath your listed current and new Firmware.
  - A warning pop-up will appear, click "Yes" to continue.
  - Do NOT remove KDC during this process.
  - Once 'Upgrade Completed Successfully' notification appears, KDC is safe to remove.

7. Open the Upgrade application.
  - If the application did not automatically connect to your KDC, find your KDC's COM port by clicking on the drop-down menu under "Port," selecting it, and then clicking "Connect."
8. Upgrade your firmware by Clicking "Upgrade" underneath your KDC's Current and New Firmware.
  - You may also upgrade by selecting the "Upgrade All" button in the bottom right. This will attempt to also upgrade the Bluetooth version, if shown in green.
  - A warning pop-up will appear, click "Yes" to continue.
9. **※ Especially, if you need a language other than English for KDC180, please download the font AFTER upgrade the firmware. (Then more language options will be added: English / French / Italian / Spanish / Japanese / Korean)**
10. Factory Default the scanner with one of the following barcodes here:



## Upgrading KDC Firmware on SmartSled Custom Cases (KDC470/475/480/485)

Due to the OTG and Serial connectivity of the SmartSled Custom cases, a hard disconnection must occur. If your KDC470/475 is attached to a SmartSled Custom Charging case, please do one of the following:

- For Android devices, be sure to disconnect the KDC from the host's Bluetooth settings BEFORE connecting the KDC to the PC.
- For iOS Devices, Press + Hold the DOWN button for 3 seconds (button behind SCAN on same side as battery door), BEFORE connecting the KDC to the PC.
- Or, the easiest way to disconnect the KDC from the host device is to remove the Android/iOS phone, and to turn off Bluetooth from the host device.

Smart Device	Connection Profile	Disconnection Method
Android	KDC470/475/480/485 communicates via Bluetooth or OTG	Disconnect Bluetooth connection manually
iOS	KDC470/475/480/485 communicates via Serial	Press DOWN button more than 3 seconds
iOS	KDC470/475/480/485 communicates via HID Bluetooth	Disconnect Bluetooth connection manually