

Panini mI:Deal: Booting into Recovery Mode

Overview

The mI:Deal is highly versatile and supports multiple connection modes. If a user cannot connect to the device, it can be booted into a Recovery Mode which *temporarily* resets the device to a factory configuration. This allows the user to access the device and modify the configuration for their particular environment. It is important to note that a recovery must be followed by a proper reconfiguration. To aid in this process, the device retains the old configuration settings so the user only needs to update the settings that changed; for example updating a Wi-Fi network password. If no changes are made, the next time the device boots, it will use that previous configuration.

Recovery Modes

The mI:Deal can be booted into either a USB or Wi-Fi Recovery Mode. The mode is controlled by what is connected into the device during the recovery process:

- **USB Mode**: If a USB cable is connected to the device, it will boot into USB/RNDIS mode. The cable needs to be connected at both the scanner and client ends with the client turned on.
- Wi-Fi Access Point Mode: If a Wi-Fi dongle is connected, it will boot in Wi-Fi Access Point mode.

	USB cable inserted at boot	Wi-Fi dongle inserted at boot
Connectivity after recovery	USB (RNDIS) + Ethernet	Wi-Fi Access Point Mode + Ethernet
IP Address after recovery	192.168.1.1	192.168.2.1
Network SSID	N/A	mideal_ <serial number=""></serial>

Recovery Boot Sequence

To boot into Recovery Mode, perform this boot sequence:

- 1. Unplug the power cable from the back of the device as the scanner must be turned off to begin.
- 2. Ensure that either the USB cable or Wi-Fi dongle is connected to the device depending on which connectivity method you would like to use for the recovery process.
- 3. Open top flaps of scanner and leave them open for the remainder of the process.
- 4. Prepare a paperclip or similar object bent at 90 degrees with at least ½ inch available to insert through the reset hole on the bottom of the scanner to access the *reset button*. (see below)
- 5. Hold down the *reset button* by inserting the paperclip into the reset hole until the restart button is engaged and continue to hold it for the remaining steps.
- 6. Plug in the power cable, which starts the recovery process.
- 7. The boot process will take approximately 35 seconds:
 - a. Light will be solid amber for approximately 10 seconds



- b. Light with start blinking amber for approximately 25 seconds
- c. When the light starts blinking alternately between amber and red, the boot process is complete and the reset button can be released.
- 8. A user can now connect to the device, make changes to the configuration and save the new settings.

Factory Restart Button:

