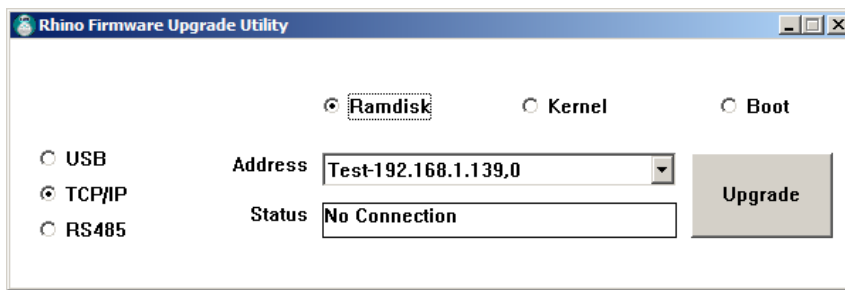


## Using the Rhino Upgrade Utility

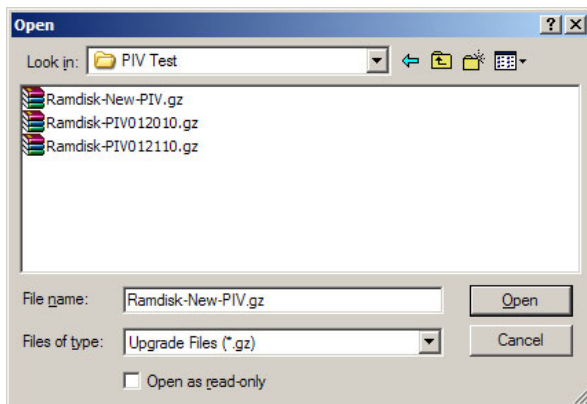
The Rhino Upgrade utility provides a way for administrators to upgrade the Rhino boot loader, kernel and application firmware across the network.

Updating a reader requires this sequence of steps;

1. Launch the utility and select Ramdisk, Kernel or Boot
2. Select TCP/IP and use the Address list box to select the reader that requires an upgrade. The Rhino Upgrade utilizes the Rhino Reader Utility list of the readers on the network, and associated network address, so run RhinoUpgrade.exe from the same folder that contains Rhino.exe.
3. Press Upgrade



4. Navigate to the location of the new Ramdisk (.gz), Kernel (zImage\*.bin) or Boot (\*bl.bin)



The utility transfers a new image package to the reader where verification and installation occurs. Package verification and image installation is triggered automatically at the reader, freeing the administrator to upgrade the next reader in the chain.