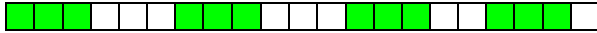


Linksys ATA Installation Debugging

Blink Pattern from Power LED

Power LED Blink Patterns (Note - Timing in diagrams is approximate)



1. Slow Blinking (0.5s ON, 0.5s OFF continuous)

- a) **System Initialization, only happens when the SPA bootup**
could be up to 10 seconds (hw reboot), or short <2 seconds for warm reboot
- b) **Firmware downloading;**
- c) **Looking for DHCP**



2. Fast Blinking (0.1s ON, 0.1s OFF continuous)

- a) **Writing firmware to flash**



3. LINK ERROR -- long, short, short, off for 2 seconds

- (0.5s ON, 0.3s OFF, 0.1s ON, 0.1s OFF, 0.1s ON, 2s OFF continuous)
- a) **No WAN link detected**



4. Error 2 ---- short, short, long, long, off for 2 seconds

- (0.1s ON, 0.1s OFF, 0.1s ON, 0.1s OFF, 0.5s ON, 0.2s OFF, 0.5s ON, 2s OFF continuous)
- a) **An duplicate IP is detected on WAN (Internet port)**



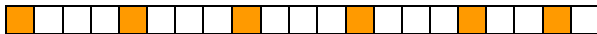
5. SOS ---- short, short, short, long, long, short, short, short, off for 2 seconds

- (0.1s ON, 0.1s OFF, 0.1s ON, 0.1s OFF, 0.1s ON, 0.3s OFF, 0.3s ON, 0.3s OFF, 0.3s ON, 0.3s OFF, 0.1s ON, 0.1s OFF, 0.1s ON, 0.1s OFF, 0.1s ON, 2s OFF continuous)
- a) **Firmware is in recovery code**



6. Contacting server, server not resolvable, not reachable, or down:

- power LED red/orange 0.8s on, 0.2s off.



7. Server responded with file-not-found or with corrupt file:

- power LED red/orange 0.2s on, 0.8s off.



7. Constant Red/Orange - bad ethernet hardware port, RMA unit

