Upgrading Advpanels

**Upgrading from 2.2.x to 2.3.x**

**Upgrade Instructions**

1. confirm the panel type (CP-2116E or CP-2232E)
2. confirm the current version on the panel webpage (should be 2.2.0 or higher)
   * Help > About > Panel Version: 2.2.x
3. copy the file **cpxxxxe-2.3.x.efp** to the local computer
4. select **Upgrade**
5. select **Choose File** and open **cpxxxxe-2.3.x.efp**
   * confirm the correct .efp is selected (cp2116e or cp2232e)
6. select **Install**
7. confirm the message **Firmware Install Requires Reboot** is displayed
8. select **Reboot**
9. confirm the version on the panel webpage (it will take about a minute to come up after boot up)
   * Help > About > Panel Version: 2.3.x

**Upgrading from 2.3.x to 2.4.x**

* Starting in firmware versions 2.4.0 and higher, the advpanels have been moved from OpenEmbedded (OE) to Ubuntu
  + a transition code package is required to update to the new firmware

**Required Files**

* files required:
  + oe-to-ubuntu-transition-2.4.x.efp
  + cpxxxxe-rootfs-2.4.x.efp

**Upgrade Instructions**

1. confirm the panel type (CP-2116E or CP-2232E)
2. confirm the current version on the panel webpage (should be 2.3.0 or higher)
   * Help > About > Panel Version: 2.3.x
3. copy the files **oe-to-ubuntu-transitions-2.4.x.efp** and **cpxxxxe-rootfs-2.4.x.efp** to the local computer
4. select **Upgrade**
5. select **Choose File** and open **oe-to-ubuntu-transitions-2.4.x.efp**
6. select **Install**
7. wait for the installation to complete, DO NOT REBOOT the panel at this time
8. confirm the message **Ubuntu Transition Update was successful.** is displayed
9. select **Choose File** and open **cpxxxxe-rootfs-2.4.x.efp**
   * confirm the correct .efp is selected (cp2116e or cp2232e)
10. select **Install**
11. confirm the message **Firmware Install Requires Reboot** is displayed
    * Note: the upgrade process will take about 10 mins to complete
12. select **Reboot**
13. confirm the panel screen displays the upgrade progress (it will take about a minute before it shows up)
14. confirm the panel display comes back up
15. confirm the version on the panel webpage (it will take about a minute to come up after boot up)
    * Help > About > Panel Version: 2.4.x

**Upgrading from 2.4.x or higher**

* The advpanel upgrade instructions apply for panel firmware 2.4.x or higher. Follow the instructions with the correct advpanel firmware file.

**Upgrade Instructions**

1. confirm the panel type (CP-2116E or CP-2232E)
2. confirm the current version on the panel webpage (should be 2.4.0 or higher)
   * Help > About > Panel Version: 2.4.x
   * NOTE: If the panel is not 2.4.x or higher, STOP. Follow the instructions **Upgrading from 2.3.x to 2.4.x**
3. copy the file **cpxxxxe-rootfs-2.4.x.efp** to the local computer
4. select **Install** from the top menu
5. select **Choose File** and open **cpxxxxe-rootfs-2.4.x.efp**
6. select **Install**
7. select **Reboot** once the upgrade process is complete
8. confirm the version on the panel webpage (it will take about a minute to come up after boot up)
   * Help > About > Panel Version: 2.4.x