Lumenier RID Setup for Betaflight

GPS Settings:

Firmware Version: 4.5 (or newer)

Ports Tab: Sensor Input = GPS

                          Baud Rate = AUTO

Example:

Note: Betaflight might automatically reset Baud Rate to 57600, this is normal.

Configuration Tab: GPS = Enabled

Example:

GPS Tab: Protocol = UBLOX
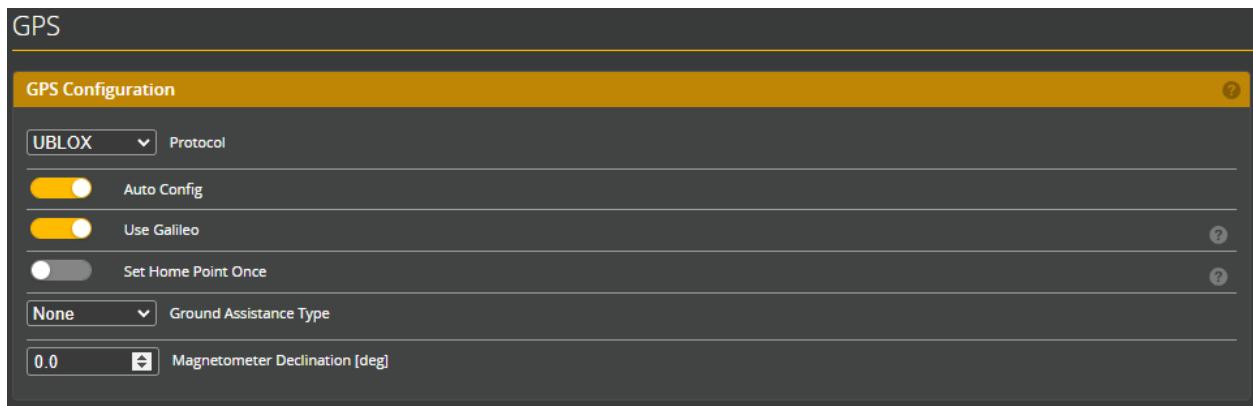
Auto Config = Enabled

Use Galileo = Enabled

Example:

Note: It is best practice to power cycle the board after configuring all GPS related settings
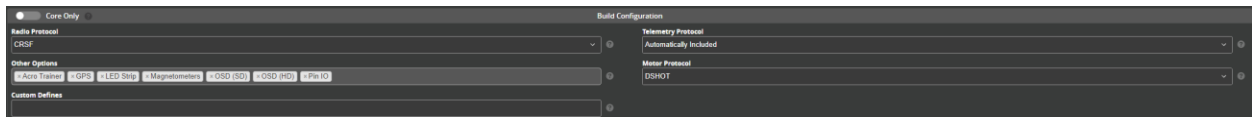
Magnetometer Settings:

Firmware Version: 4.5 (or newer)

Note: Ensure when flashing firmware, Magnetometers is selected under "Other Options"

Example:

Configuration Tab: If RID module is mounted with the indication arrow pointing towards the front of the vehicle, MAG Alignment = CW 90°

Example: