

EmonTxV32CM_rfm69n.ino

This sketch should only be used when transmitting data to an emonPiCM that expects the radio data packet to use the “RFM69 Native” format. An emonPi or emonBase **not** using that format will be unable to receive the data from this sketch. (Use one of the archived sketches, e.g. emonTxV3_2_DiscreteSampling.ino instead.)

This sketch uses the Continuous Monitoring library.

Setting up

The emonTx V3.2 was fitted with a RFM12B radio module, and uses different hardware pins making it not directly compatible with the emonTx V3.4. Neither does it have the two DIP switches, so the NodeID and “USA” mode (line frequency and a.c. adapter calibration) must be set individually either by editing the constants in the sketch or by on-line programming the EEPROM.

The nominal value required for `vcal` is 130.0, and you should either add the line

```
EmonLibCM_cycles_per_second(60);
```

to the emonLib configuration, or use the on-line commands **k0 130.0** and then **f60** as described for the emonTx V3.4 to set the voltage calibration and line frequency respectively.

Other than that, this sketch is identical to the EmonTxV34CM_rfm69n.ino.