PROJECT
Ardu Xively Weather Station
HW Ver. 1.1

- Freeduino Mega 2560.
- Ethernet Shield
- Sensor BMP085 3.3V I2C
- Logic Level Converter
- RTC 5V I2C
- Sensor DHT22 5V
- GY-30 BH1750FVI intensity digital sensor light module I2C with build-in LLC 5V
- UVM-30A UV Light sensor
- RF FS1000A transmitter 433Mhz 5V with external antenna of 17.3cm, soldering of ANT
- Resistor 4.7K e
- Resistors 2.4K for pull up
- Ceramic capacitor 100nF
- Cables dupont
- (option) mini router HX701 set as "CLIENT MODE" to connect Arduino ethernet shield, turns the ethernet connection in WiFi.