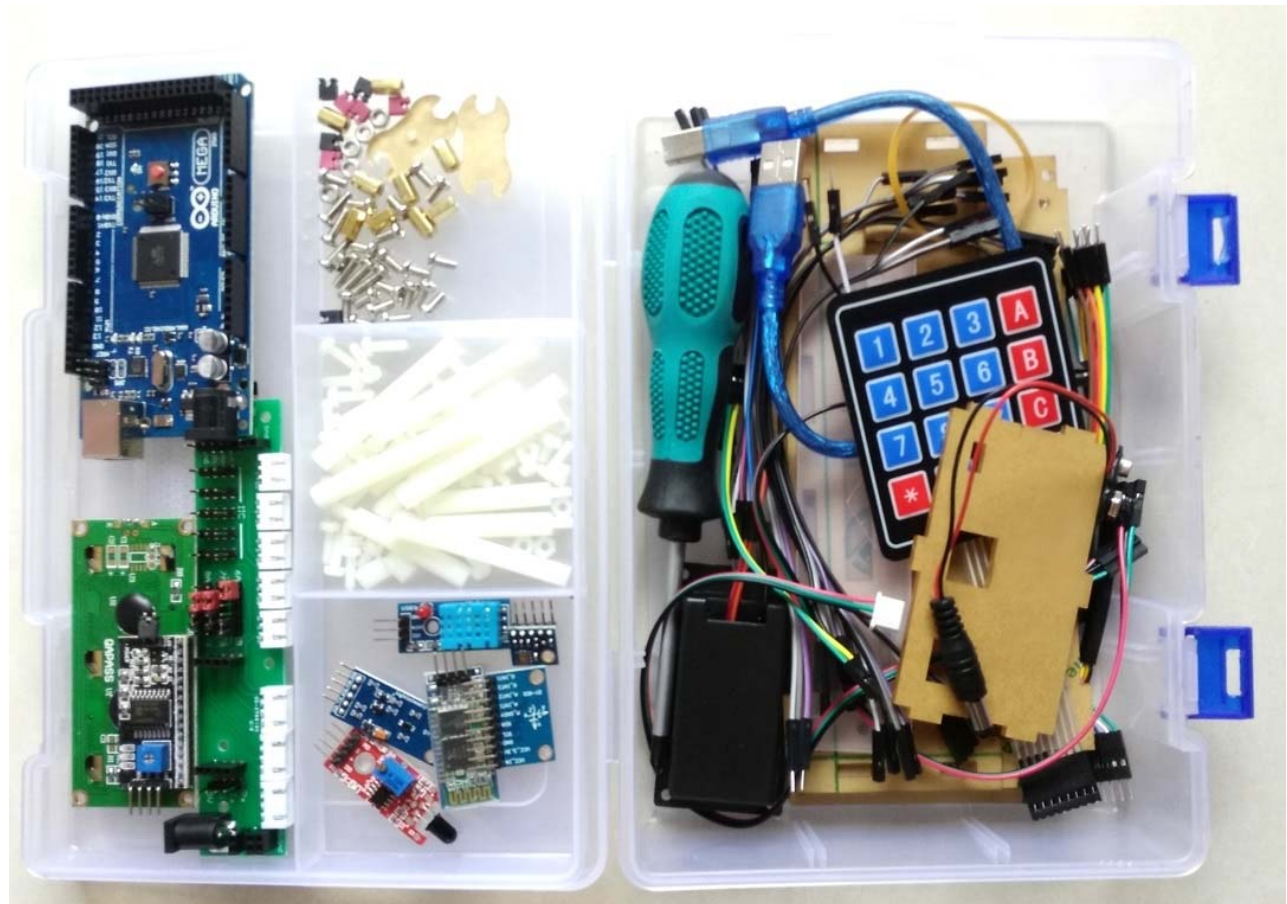
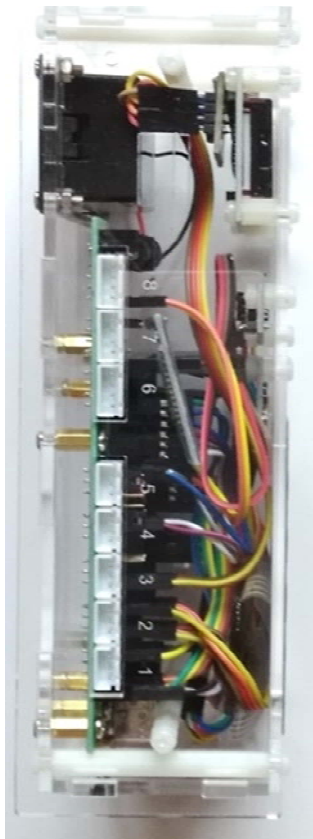


# Assembling Mobile Logger by Yourself



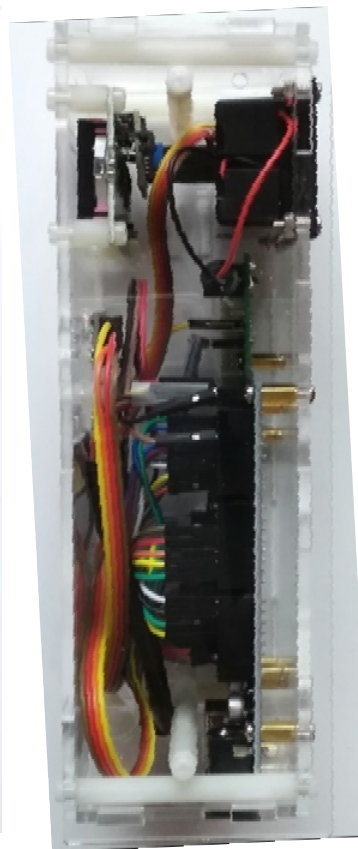
# Overview of the mobile logger to be assembled



Left side view



Front view



Right side view



Back view view



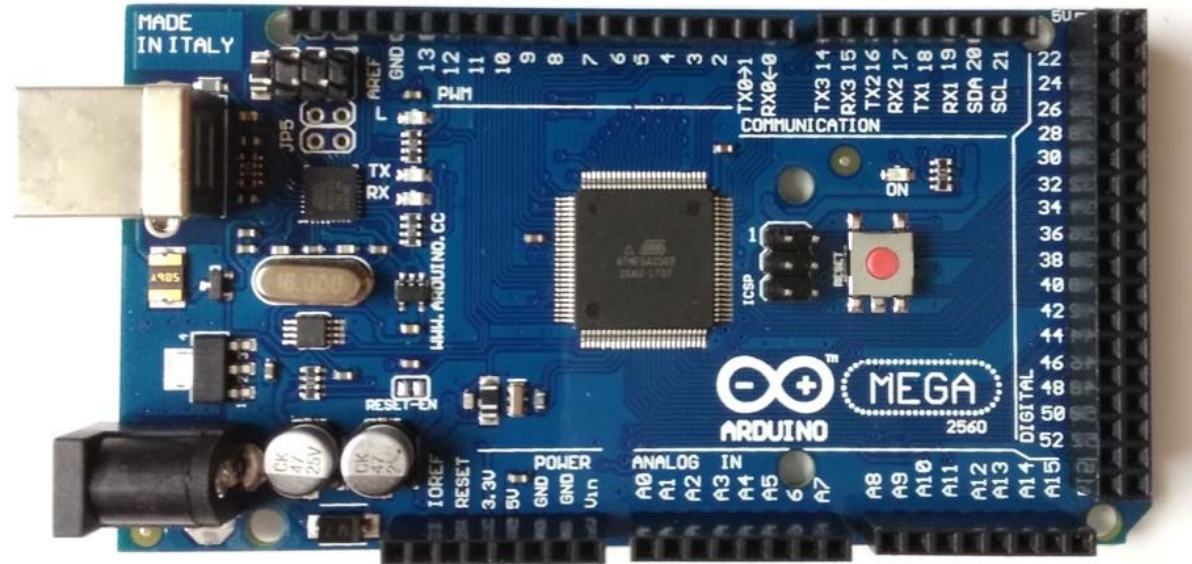
Top end view



Bottom end view

# Boards

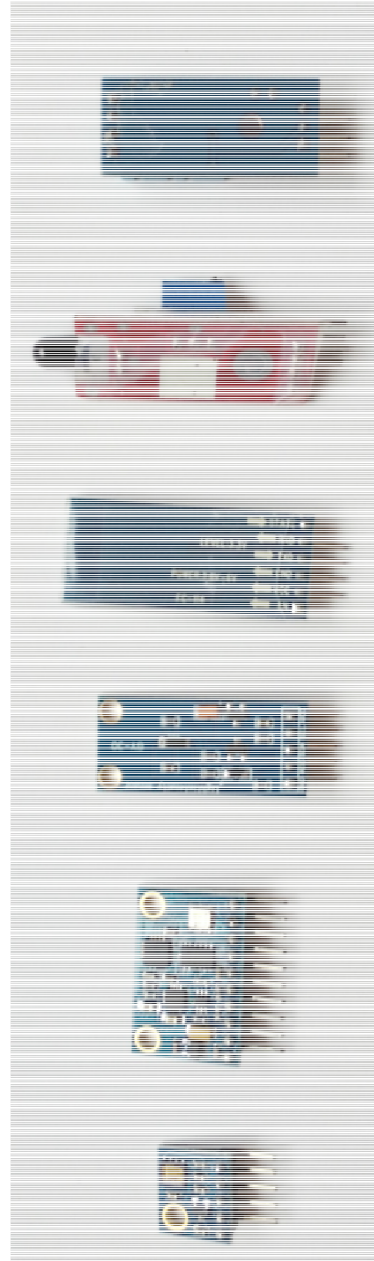
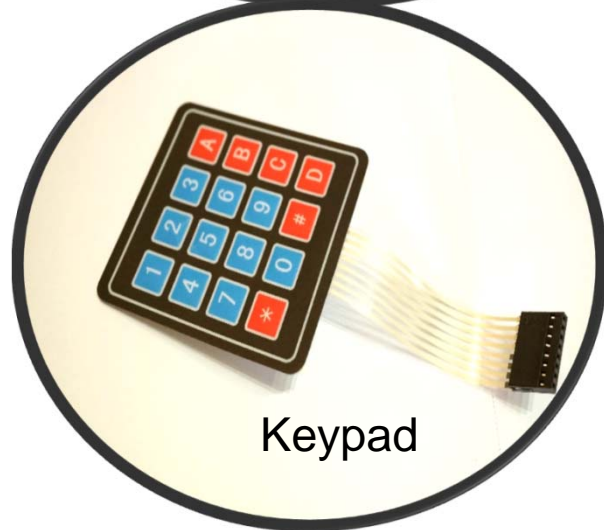
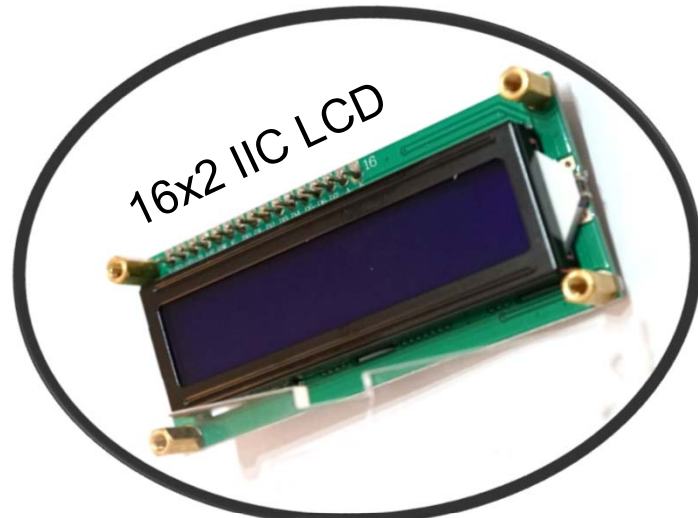
Arduino Mega Board (MB)



Printed Circuit Board (PCB)



# Modules



DHT11 Temp & Humidity sensor

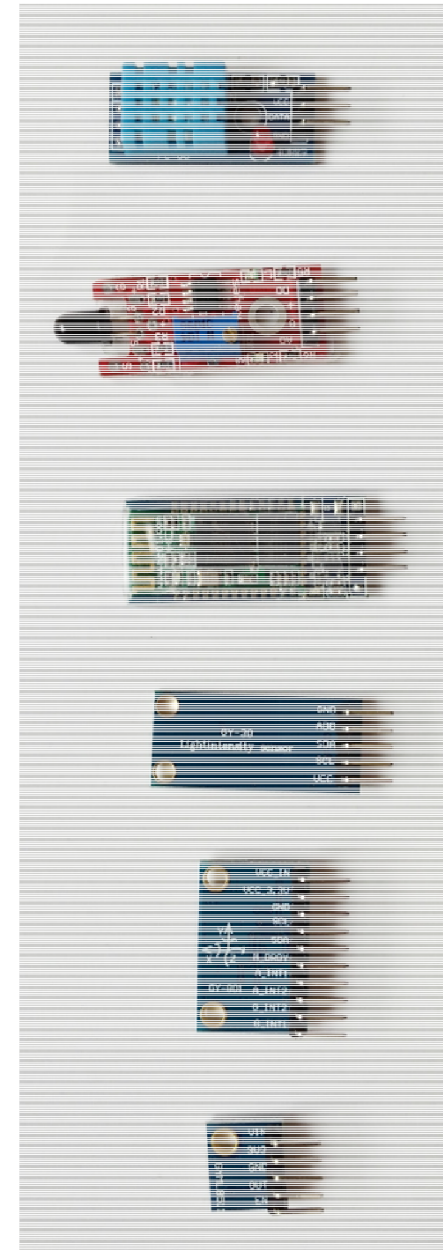
Flame IR sensor

Bluetooth module

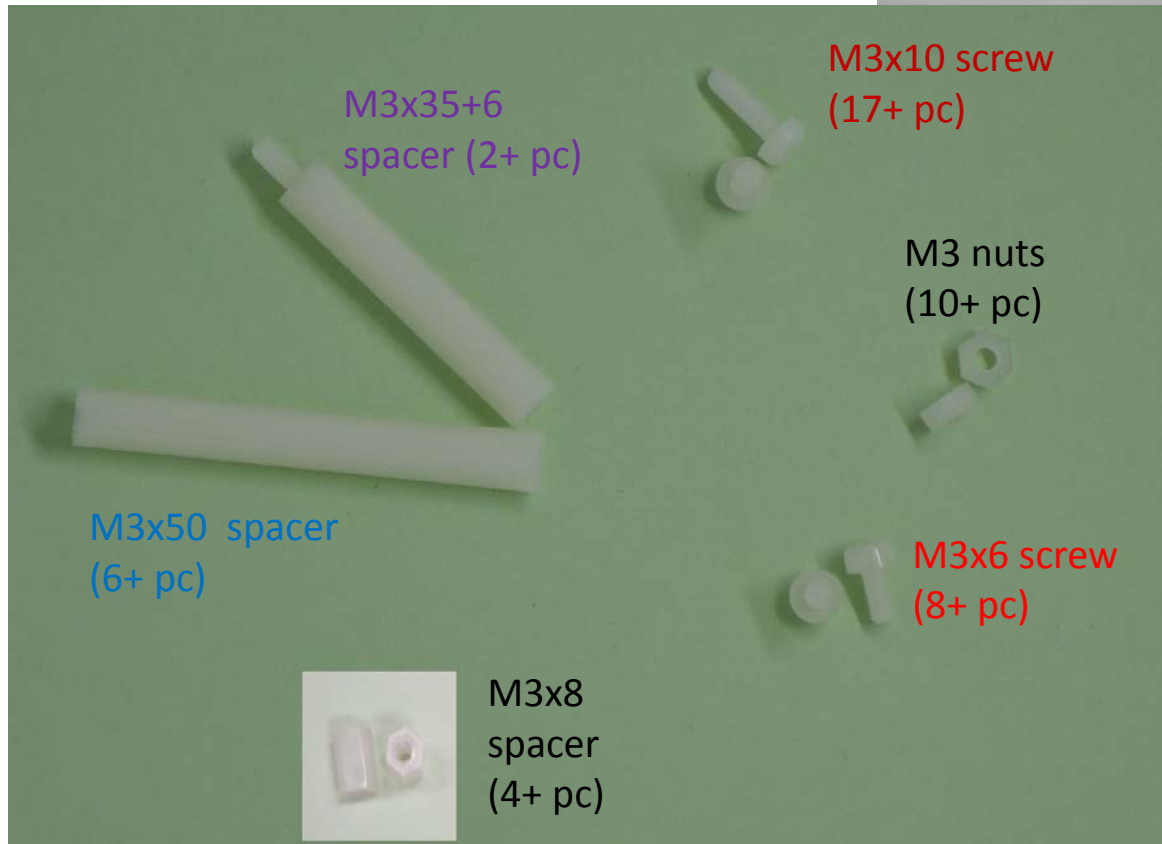
GY-30 Light Intensity sensor

GY801 Magnetic, acceleration, pressure, sensor

GYML851 UV intensity sensor



# Accessories



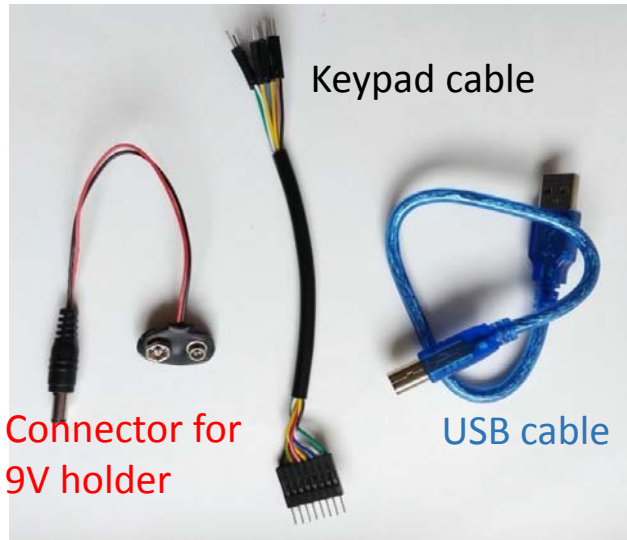
Nylon type

The minimum number of pieces for each part is indicated but there are some spare parts.

# Wires, cables and tools



Long (20 cm) Dupont wires (3 batches of 4 F-F wires + 1 batch of 3 F-M wires)  
(Color for either upper or lower set)



Keypad cable

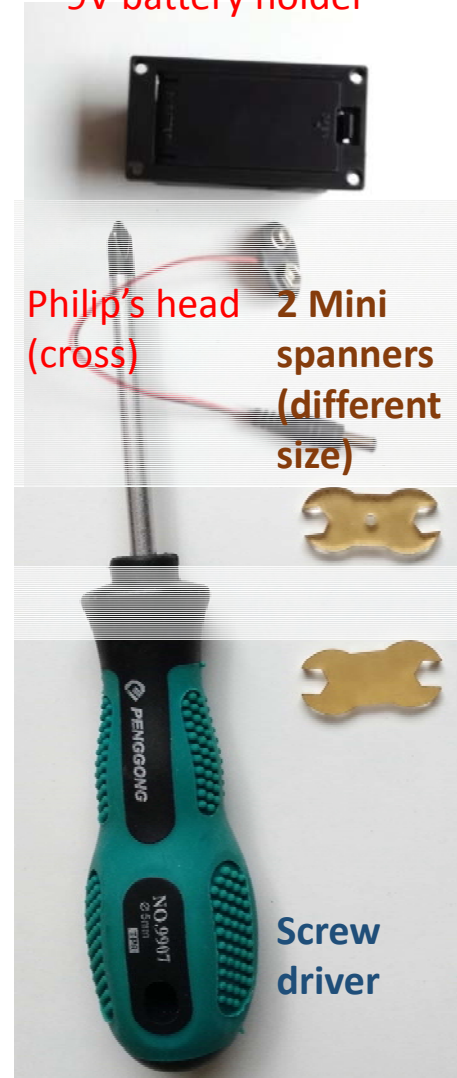
Connector for 9V holder

USB cable



Short (10 cm) Dupont wires (1 batch of 5 F-M wires + 1 batch of 4 F-M wires + 3 batches of 2 F-M wires + 1 batch of 2 M-M wires)

9V battery holder



Philip's head (cross)

2 Mini spanners (different size)

Screw driver

# Case Layout

**Task:** Check if you get the six plates with the correct shape and holes.

