HOW TO BUILD AEROCENE SENSING DEVICE
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THE AEROCENE MOTION TRACKER 1,0

TOOLS:

T-01 Cutter
T-02 Soldering iron
T-03 Plier
T-04 Tweezer
T-05 Transparent tape

SOFTWARE:

Arduino ide
https://www.arduino.cc/en/Main/Software
THE AEROCENE EXPLORATION TOOLS

MATERIALS:

M-01 Recycle plastic bottle - 0 €
M-02 Raspberry Pi
Raspberry Pi® 2 Model B 1 GB ohne Betriebssystem 42,99 €
M-03 Raspberry Pi® Camera V2 8MP IR - 39,99 €
M-04 BMP085 (Pressure and temperature sensor)
M-05 Solar Battery Pack (VOLTCAST Solarlad
er SL-3 0.7 W/ 140 mA (mc-Si) 4180c3 Powerbank
Solar SL-3 5 V) 29,99 €
M-06 SD card
microSDHC-Karte 32 GB SanDisk Ultra® Android
mit 80 MB/s und SanDisk Memory Zone Android
App Class 10, UHS-I inkl. SD-Adapter, inkl. Android-Software - 9,99 €
M-07 USB cable
USB 2.0 Anschlusskabel [1x USB 2.0 Stecker A - 1x
USB 2.0 Stecker Micro-B] 0.15 m Schwarz hoch-
flexibel, vergoldete Steckkontakte, UL-zertifiziert
Akasa - 3,90 €
M-08 Wire
Litze 4 x 0.14 mm: Grün, Rot, Gelb, Blau BELI-BE-
CO L418/5 5 m - 4,99 €
M-09 Buchsenleiste (Präzision) Anzahl Reihen: 1
Polzahl je Reihe: 5 MPE Garry 115-1-005-0-MTF-
XS0 1 St. - 0,40 €
M-10 WLAN Stick USB 2.0 150 MBit/s LogiLink
WL0151 mit abnehmbarer Antenne - 13,49 €
M-11 Solder wire
THE AEROcene EXPLORATION TOOLS

INSTRUCTIONS:

1. 

2. 

3. 