**Data Collection with Thermal Camera**

* **Equipment to have:**

|  |  |  |
| --- | --- | --- |
| Mast |  |  |
| Rope  Retaining Strap with ratchet buckle |  | Thermal camera and box for batteries and computer |
| Raspberry Pi  2x Battery | Picture 1 - List of equipment needed to set up the camera. | Battery Pack with 20 000 mA.h  Tape  Lock and Chain |

**Link to Videos:** <https://www.youtube.com/playlist?list=PLirgEn6IPLXsrnBl6zt_pnJ-d2NDjYnYi>

**Step by step guide:** [**https://www.polymtl.ca/wikitransport/index.php?title=Video\_Data\_Collection\_How-to**](https://www.polymtl.ca/wikitransport/index.php?title=Video_Data_Collection_How-to)

|  |  |
| --- | --- |
| : Wires for the batteries  : Ethernet cable  : Connector  : On/Off Switch |  |

Picture 7

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Picture 2 | Picture 3 | Picture 4 | Picture 5 | Picture 6 |
| Picture 8 | Picture 9 | Picture 10 | Picture 11 | Picture 12 |
| Picture 13 | Picture 14 | Picture 15 |  |  |