Review of Master's Thesis

Student: Charvát Michal, Bc.
Title: System for People Detection and Localization Using Thermal Imaging Cameras (id 23220)
Reviewer: Kempter Guido, prof., FHV

1. Assignment complexity **more demanding assignment**
The student revised the software and hardware modules developed in his bachelor thesis.

2. Completeness of assignment requirements **assignment fulfilled**
The submitted work meets the assignment.

3. Length of technical report **in usual extent**
All parts of the technical report are rich in information and really necessary for the work.

4. Presentation level of technical report **80 p. (B)**
The written thesis gives a good insight into the basics and the work done.

5. Formal aspects of technical report **80 p. (B)**
Formal editing of the technical report is correct.

6. Literature usage **79 p. (C)**
The student used relevant resources and cited them in accordance with and standards.

7. Implementation results **81 p. (B)**
The solution proved to be more reliable and stable in a test for people flow analysis in museums.

8. Utilizability of results
There is a possibility of using the results of the work in practice.

9. Questions for defence
- How would you solve a secure data transfer from the sensor to the cloud in real-time?

10. Total assessment **80 p. very good (B)**
Above the average with minor deficiencies.

In Brno 3 August 2020

Kempter Guido, prof.
reviewer