SAVOX

Protocamp summer 2023

Wearable thermal camera

You will explore the concept of a wearable thermal camera, which can be used for a variety of applications such as security monitoring, search and rescue operations, and environmental monitoring.

This prototype will have a resolution that is enough to show a human clearly in the video feed. Prototype will also include additional normal camera with a wide field of view to capture extra visual information. We propose that the prototype may also have gesture recognition, allowing the user to control the camera with hand gestures if required.

Additionally, prototype could provide warnings based on the thermal camera video feed to alert the user of any potential issues. To make the device more versatile, we will aim to include video streaming to a network.

The wearable thermal camera prototype could be a wireless device with battery power or a wired device with external powering.

Contact: Veli-Matti Anttila <veli-matti.anttila(a)savox.com>
             Head of Center of Excellence
             Savox Communications Oy Ab