20 October 2024

Radar @ Axis

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Ph.D. in Automatic Control

Axis at a glance

- # 1 Industry leader in video surveillance*
- Network solutions in video surveillance, access control, intercom and audio systems
- **4500+** employees in 50+ countries**
- **1.6 B** USD***
- WE SUPPORT UN GLOBAL COMPACT — Committed to UN Global Compact

HQ and founded in Lund – in 1984

Part of Canon group

Axis Group companies: 2N

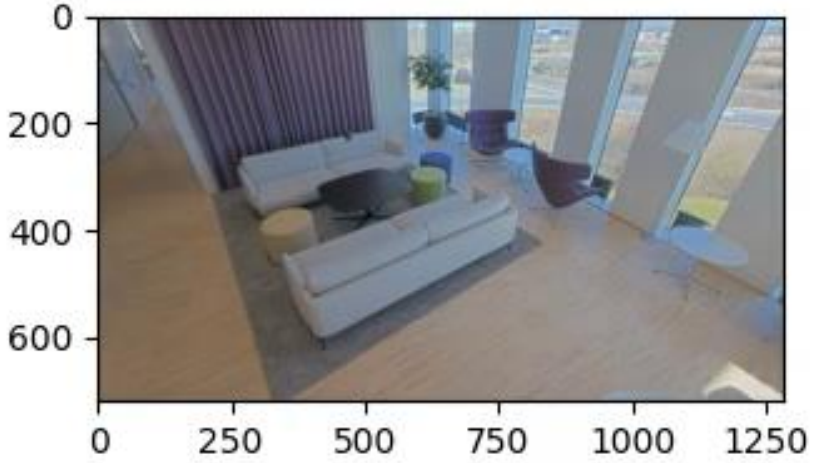
www.axis.com

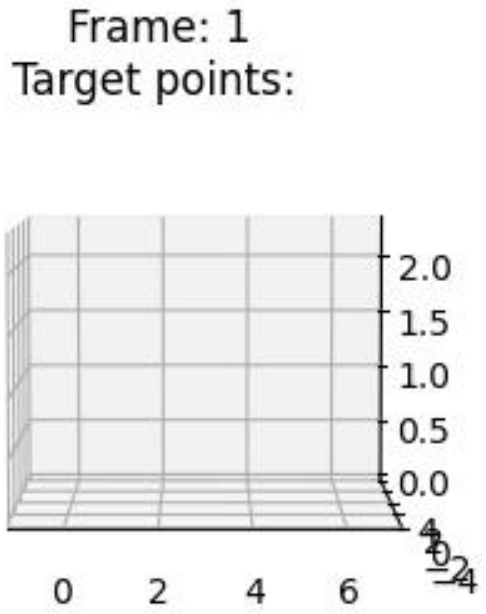
*Outside of China **Q4 2022 ***Full year 2022, SEK 15.9 B

Axis Sells Radar Products?

> Four Radar products on the market today
  - Measures distance, velocity, and angle to moving objects in the scene.
  - Classification distance:
    - 60 meter for humans
    - 90 meters for vehicles

Previous Master's Thesis: Pose classification with Radar



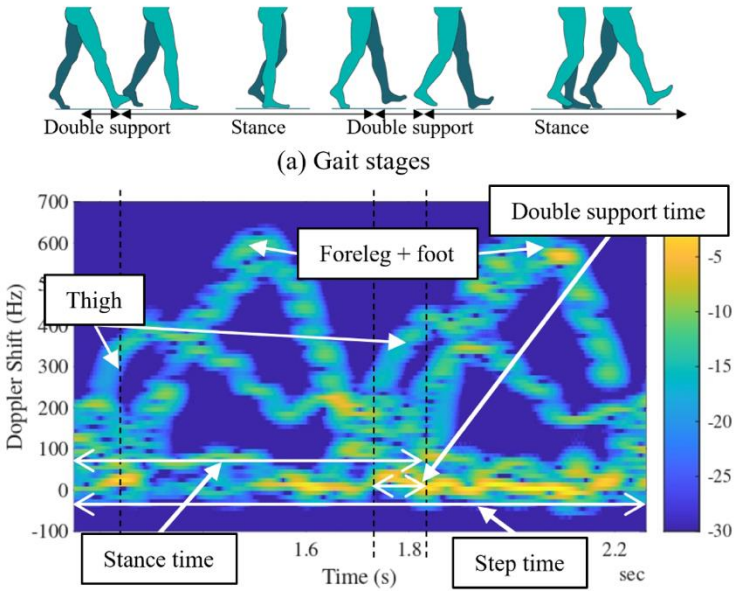


Thesis Proposal: Gait classification

> Future radars will have better resolution in range, velocity, and angle.

> For radars located indoors, we think radars can be used for classification of human gait.

> We would like you to investigate the possibility, requirements and limits within this topic.



Competences we think are important

> Signal processing

> Time series analysis

> Statistics and estimation

> Machine learning

> **Interested? Contact me at anders.mannesson@axis.com**

> **This thesis is published on www.axis.com/careers/student-opportunities**

Megapixel
Quality
Ease of use
Network video
Reliability
open
Innovation
Easy installation
Protect
Service
all the way
support
integration
Thank you!
Image
usability
Thermal
Convergence
HDTV
Access
control
Partners
World
Leader
Quality
Intelligent
Competence
Focus
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Safe
Cameras
Outdoor
Secure
Global