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# Robotic Perception

## Sensor: Infrared Camera

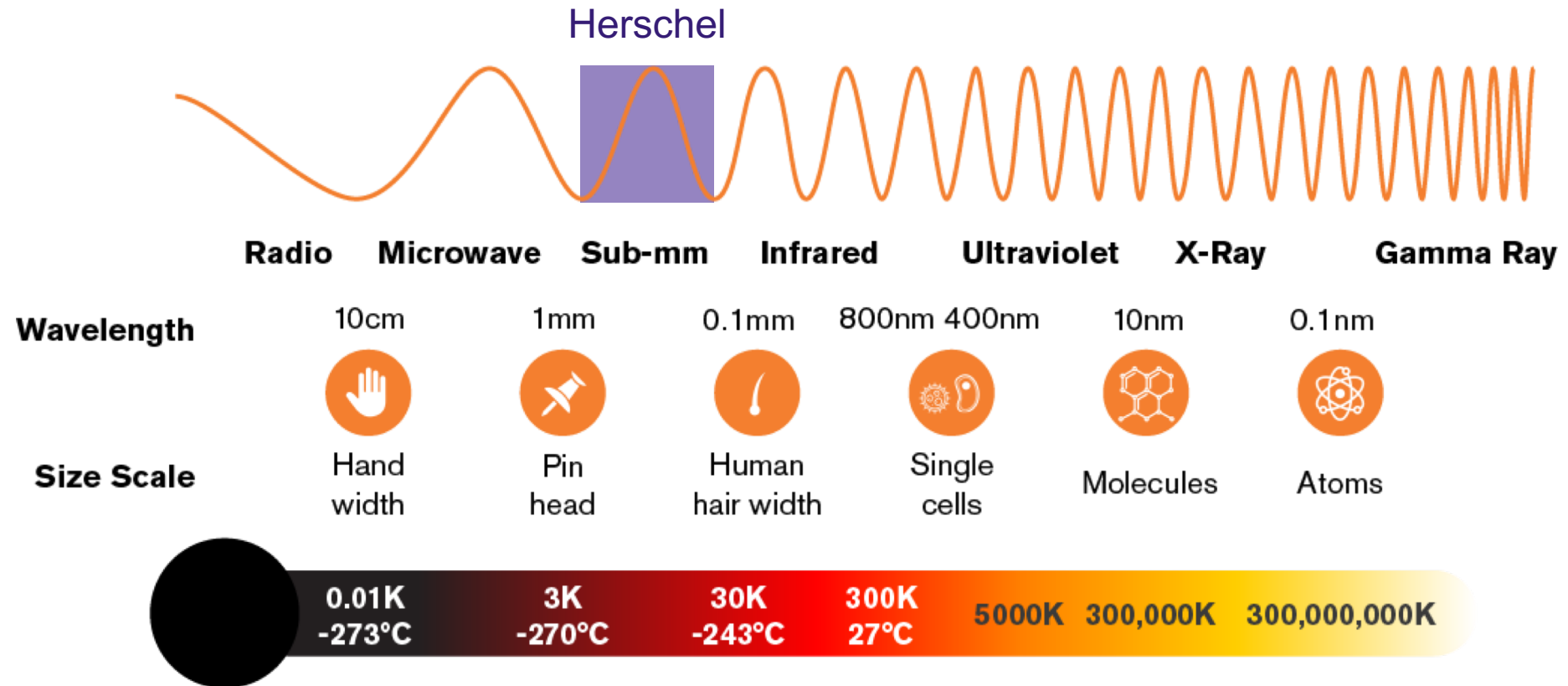
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# Infrared Light



# Infrared (Thermographic) Camera

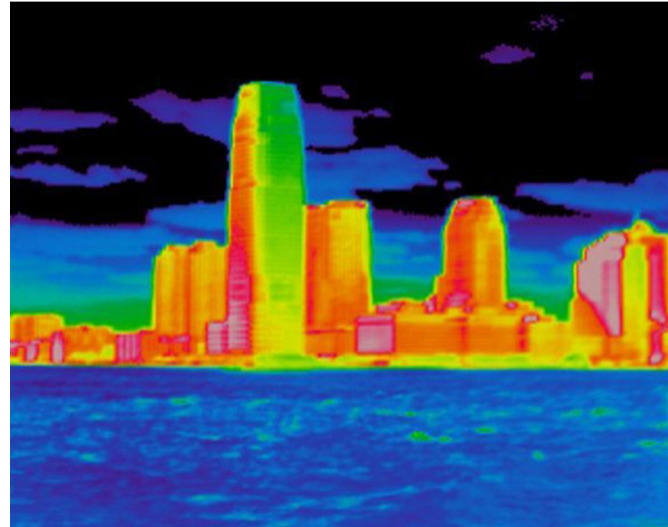
## | Infrared Camera

- A device that forms a heat zone image using **infrared radiation**, similar to a common **camera** that forms an image using **visible light**



# Infrared Camera

A device that forms a heat zone image using **infrared radiation**, similar to a common **camera** that forms an image using **visible light**



# Application



- | **Thermography finds many other uses.**
- | **Firefighters use it to see through smoke, find people, and localize hotspots of fires.**
- | **Instant temperature measurement (detect fever).**
- | **Cooled infrared cameras can be found at major astronomy research telescopes.**