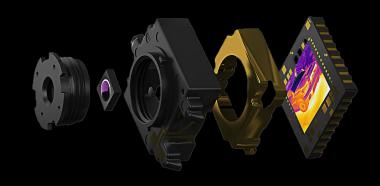
HEARTH LABS

Q Sense: Thermal-LiDAR for building retrofits



Geometry Lidar



Thermal Microbolometer

3D Thermal Point Clouds

The Missing Half

Thermal comfort is 50% convective and 50% radiant.

Heat Transfer, Not Temperature

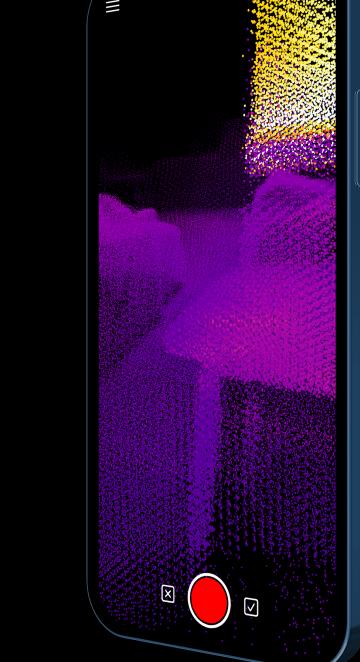
Model heat transfer throughout buildings and empirically generate causal, physics-based models.

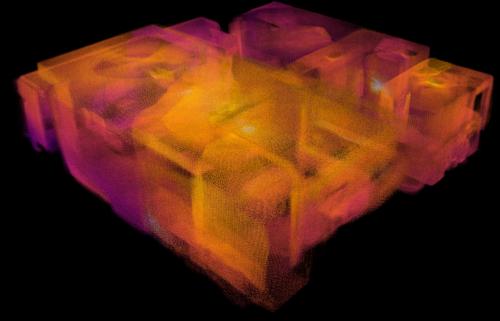
Occupant-centric

Complete the feedback loop between building systems, controls and people.

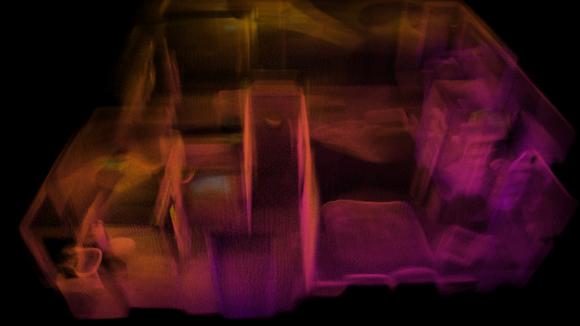
Spatially Resolved

Physically locate energy efficiency problems/opportunities in 3D space.









12,523,550 points

11:38 minutes