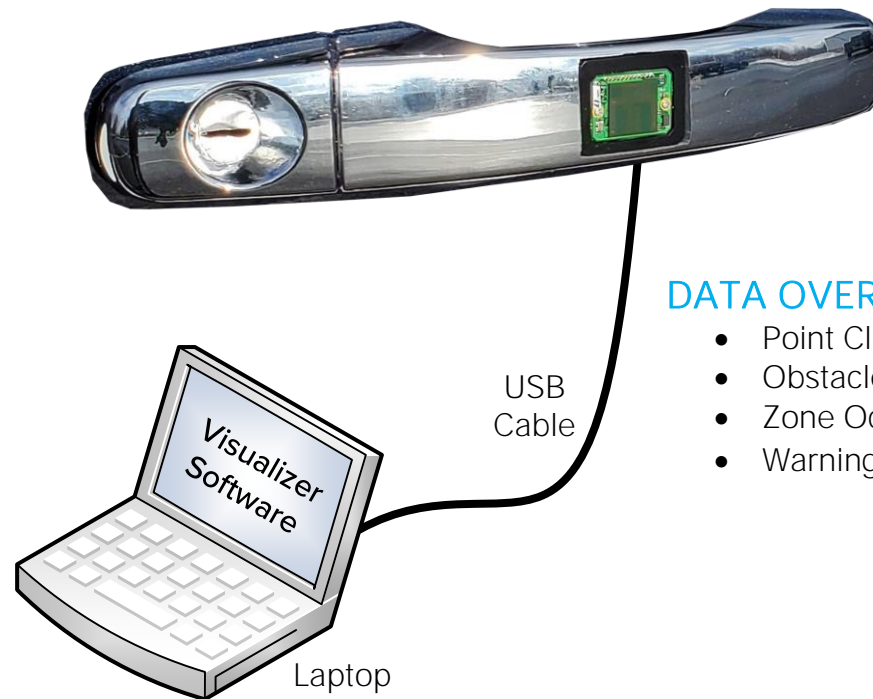


## PROCESSING ONBOARD

### D3 RS-1843AOPU MMWAVE SENSOR:

- Radar Front End
- FFTs/Heatmap
- CFAR
- Angle of Arrival Estimation
- Clustering dBScan



### DATA OVER USB/SERIAL:

- Point Cloud Detections
- Obstacle Clustering
- Zone Occupancy
- Warnings