Text on screen: If smart lampposts are equipped with LiDAR to facilitate the collection of traffic data…

Scene: The son is using the computer (displaying LiDAR images on the screen) while his mother is walking up to him.

Mother: Son, the colours shown on your screen look so strange!   Are these vehicles?

Son: These are the images captured by LiDAR. I am teaching the computer program to identify different types of vehicles from these images, just like how you taught me about cars when I was young.

CUT TO: ...Going back to those days... The mother and the son (toddler) are taking a walk on the pedestrian walkway.

Son (toddler): There're so many cars!

Mother: (Pointing to a bus) That's a double-decker, tall and large. (Pointing to a minibus) That's a minibus, not that tall but is also long. (Pointing to a taxi). That's a taxi. Remember there is a light box on the top.

Son (toddler): Ah, one, two, there are two taxis!

Mother: You're so smart!

CUT TO: ...Now... Explanation by the son (The son stands at the bottom left corner of the screen)

Son: Although LiDAR captures only the outlines of vehicles, the computer program, after undergoing repetitive learning process, can identify different types of vehicles, count the number of vehicles passing by and detect their speed (vehicle cartoons pop up on the top right corner of the screen).

Son: (lampposts, LiDAR and the captured images are shown on the screen) LiDAR is a privacy-friendly device and I'm interested to know how it converts these images into data.

Son: Traffic data collected helps provide a more comprehensive idea on traffic condition and improve the efficiency of traffic management. It will be easier and more convenient for us to manage our travel plan.