Uncanny Parking Management Solution
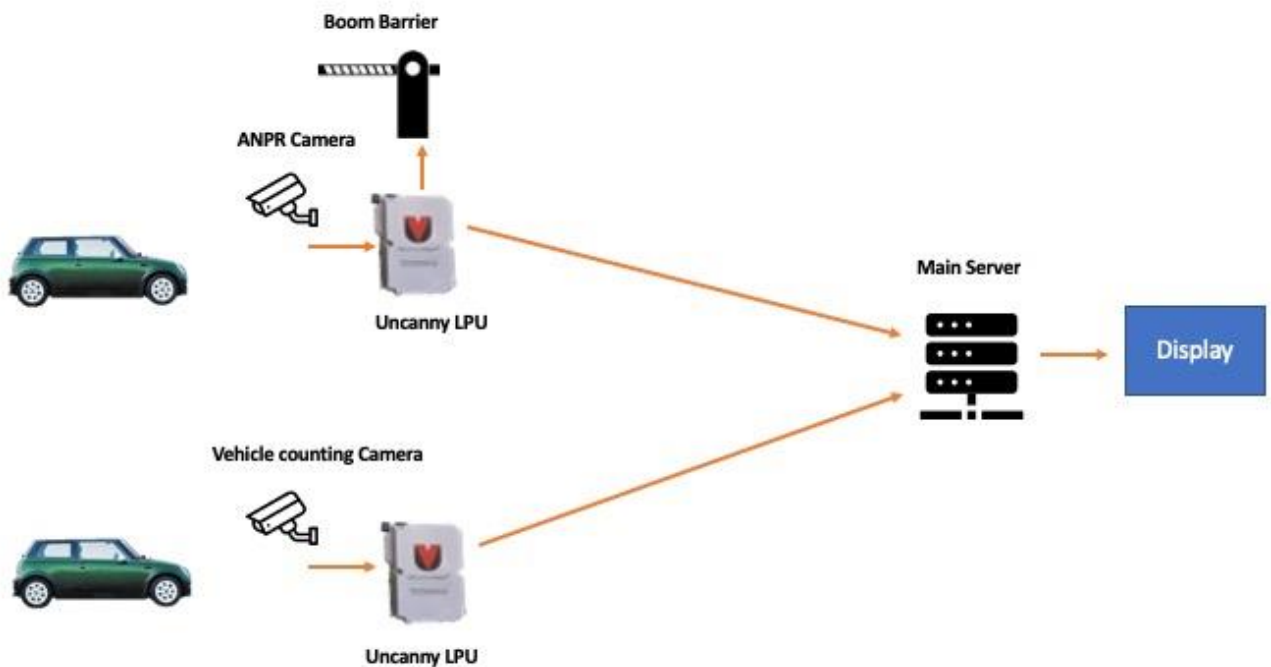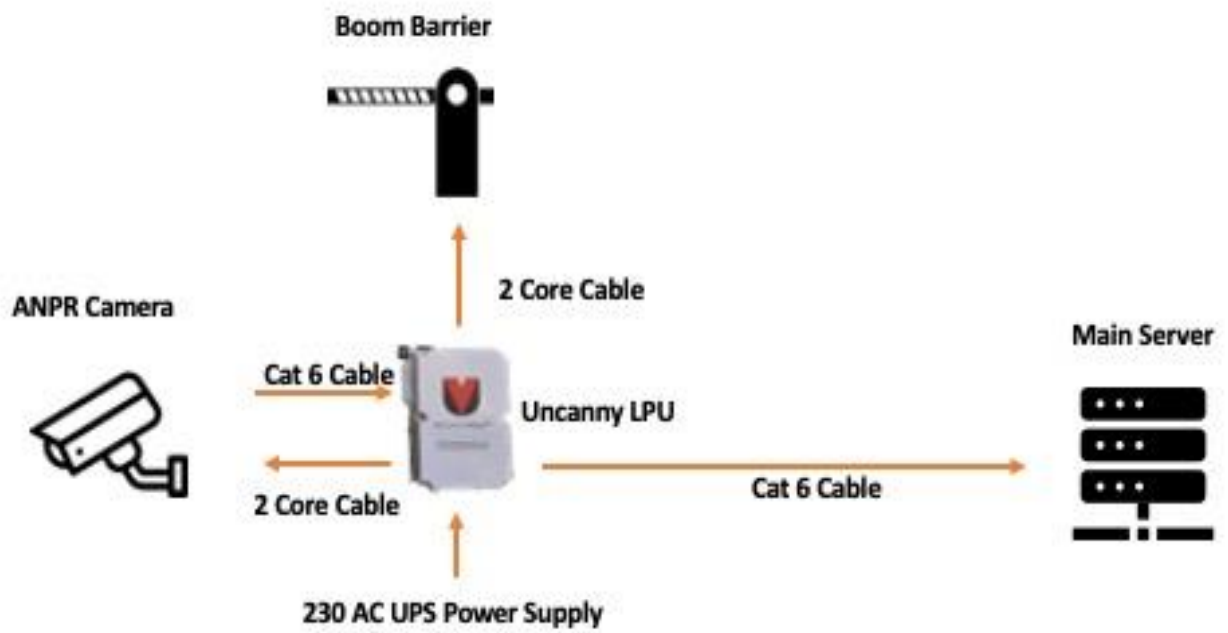
Architecture:

In this architecture every lane will have one camera, one local processing unit (LPU) and one camera license. The video feed is processed locally next to camera and events are sent to the Main Reconciliation Server.
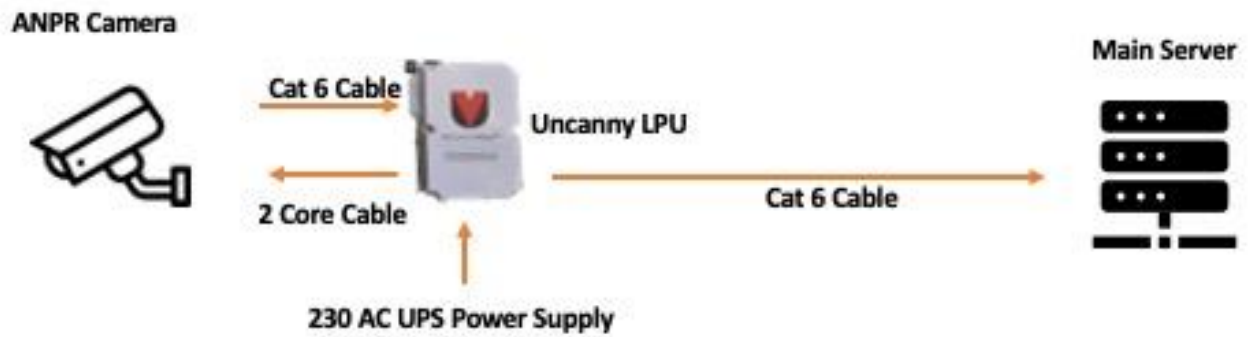
As there is no switch between the camera and processing unit, the network connection is direct which ensure, no packet loss and zero latency.

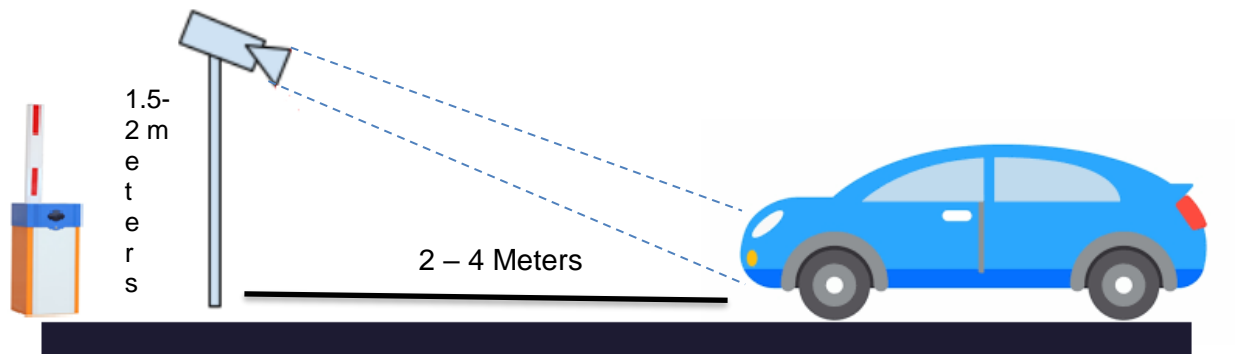**Installation Diagram with Boom Barrier Controller:**

Boom Barrier

ANPR Camera

Main Server

Cat 6 Cable

Uncanny LPU

2 Core Cable

2 Core Cable

Cat 6 Cable

230 AC UPS Power Supply

Installation Diagram for Vehicle Counting:

Camera Installation:

Please make sure the camera is placed at a height of 1.5m to 2m.

LPU Installation:

Our AI Edge LPU can be placed on the same camera pole and the camera pole should be less than 2 meters from the boom barrier for boom barrier controlling.