the driveway monitors in the parking lot to control operations of the driveway monitors; and the parking lot central control device also for receiving the parking space monitoring information from the parking space monitors, and for receiving the driveway monitoring information from the driveway monitors in the parking lot;

a near end server for bi-directional communication with the at least one parking lot central control device in the parking lot, for providing the first and second control signals to the parking lot central control device, and for receiving the parking space monitoring information from the parking space monitors and the driveway monitoring information from the driveway monitors through the parking lot central control device; and

a cloud server module for bi-directional communication with the near end server in the parking lot, for providing the first and second control signals to the near end server, and for receiving the parking space monitoring information from the parking space monitors and the driveway monitoring information from the driveway monitors through the near end server;

wherein the at least one parking lot central control device or the near end server is within the parking lot at the near end to provide parking space monitoring information and the driveway

monitoring information to output driveway usage status of the parking space of the parking lot and the movement dynamics of vehicles on the driveways, and wherein the cloud server module provides parking space monitoring information and driveway monitoring information at the far end outside the parking lot, and outputs the parking space usage status within the parking lot, and the movement dynamics of the vehicles on the driveway as parking assistance, and the cloud server module includes a prediction unit for obtaining the history and current usage information of the parking lots through the cloud server module so at to predict future usage conditions for the parking lots; and

an information system to obtain future usage conditions of the parking lots which are predicted by the prediction unit of the parking assistance system to give a selected parking lot a prompt of future usage condition and facilities parking in the parking lot.

2. The parking assistance system according to claim 1, wherein the parking space monitors are mounted above or under the parking spaces correspondingly in the parking lot to monitor the