PlateScan Vehicle Configuration

4-Camera Urban Policing System: Configuration B
(2 IR Cameras, 1 IR Parking Camera and single internal Color Camera)

Last Updated: March 5th, 2007
By Mark Kelly
NOTE: As all cameras have fully adjustable zoom capabilities, measurements serve as a guideline for initial setup. Further refinements based on vehicle type, camera positioning, road layout & conditions and driving style may be required.

Driver's side camera set approximately 9 ft to the left of the camera and 27 ft ahead (Effective 35mm Lens)

Passenger side camera set to approximately 9 ft to the right of the camera and 16 ft ahead (Effective 16mm Lens)

License Plate Reference Point
When using the onscreen alignment guides with the PlateScan interface, it is assumed that the reference plate is located 24" above the ground
Parking camera set to approximately 7.5 ft to the right of the camera and 2 ft ahead (Effective 8mm Lens)

License Plate Reference Point
When using the onscreen alignment guides with the PlateScan interface, it is assumed that the reference plate is located 24" above the ground

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License Plate Reference Point
When using the onscreen alignment guides with the PlateScan interface, it is assumed that the reference plate is located 24" above the ground.

Arbitrator camera set to focus on near side license plates approximately 9ft to the right of the camera and 16-18 ft ahead (Zoom level 7).

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Arbitrator camera set to record mode (Camera zoomed all the way out to 68.2°) (No movement to camera position)

Arbitrator Camera Configuration
Camera Positioning – Panasonic Arbitrator
Version 1.6
RECORDING MODE

Police Vehicle has stopped suspect vehicle on the side of the road (Approx 3~4 ft from side with suspect vehicle about 20 ft Ahead)
NOTE: As all camera have fully adjustable zoom capabilities, measurements serve as a guideline for initial setup. Further refinements based on vehicle type, camera positioning, road layout & conditions and driving style may be required.

Arbitrator camera set to record mode
(Camera zoomed all the way out to 68.2°)
(No movement to camera position)

Police Vehicle has stopped suspect vehicle on the side of the road
(Approx 3~4 ft from side with suspect vehicle about 20ft Ahead)
License Plate Reference Point
When using the onscreen alignment guides with the PlateScan interface, it is assumed that the reference plate is located 24" above the ground.

Main Arbitrator Camera records all the action, all the time independent of the ALPR camera.

Second Camera will read license plates all the time, independent of main Arbitrator Camera unit.

Secondary Camera Setup
When using the additional camera, the placement can be setup to look to the left or the right-hand side or alternatively, can be placed in the rear window area to look behind the vehicle.

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