**MOBILE CAMERA MODEL QUICK REFERENCE**

**ReaperHD 6MM**
For Short Parking

- Perpendicular Parked
- Angle Parked

**ReaperHD 8MM**
For Long Parking

- Perpendicular Parked
- Angle Parked
- Parallel Parked

**ReaperHD 12MM**
For Short Traffic

- Angle Parked
- Parallel Parked
- In Traffic Adjacent Lane

**ReaperHD 16MM**
For Traffic

- In Traffic Adjacent Lane
- In Traffic Adjacent Lane Reversed

**ReaperHD 25MM**
For Long Traffic

- In Traffic Adjacent Lane Reversed
- In Traffic Far Lane
PARKED CAR SCANNING
RHD 6MM CAMERA

Camera Use Case Diagram Parking Lot Scanning
Model # VSR-40-906

CAMERA MODEL # RHD 6MM

- Used for square parked cars (such as in parking lots, shopping malls, retail outlets etc.)
- Sweet spot capture distance is 10 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
CAMERA MODEL # RHD 6MM AND 8MM

- Used for angled or square parked cars (such as in parking lots, shopping malls, retail outlets etc.)
- Sweet spot capture distance is 10 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
CURB PARKED CAR SCANNING
RHD 8MM AND 12MM CAMERAS

CAMERA MODEL #: RHD 8MM AND 12MM

- Used for parallel parked cars (such as roadsides and main street shopping areas)
- Sweet spot capture distance is 10 to 25 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
CURB SCANNING – RADAR STYLE

RHD 16MM CAMERA

- Used for roadside scanning of moving traffic
- Rural or urban roads
- Sweet spot capture distance is 25 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
**MONITORING UNDIVIDED HIGHWAYS**

**RHD 12MM AND 16MM CAMERAS**

- Used for monitoring high-capacity boulevards and rural highways
  - No median
  - Next lane over
- Sweet spot capture distance is 25 to 40 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
MONITORING DIVIDED HIGHWAYS
RHD 25MM CAMERA

CAMERA MODEL # RHD 25MM

- Used for monitoring divided roads, highways and multi-lane freeways
  - Over the median
  - Capture passing vehicles
- Sweet spot capture distance is 40 ft (character height 45-50 px)*

*Capture distances based on plate characters 69 mm tall.
CAMERA MOUNTING TIPS

- One (1) lane per camera
- Camera aiming calibration is done with the IR camera - NOT color camera
- Cameras should be positioned before road use LPR scanning
- Cameras are selected based on ‘Use Case’ scenarios
- Refer to the diagram (above) for generally accepted placement & position
- Use CarDetector ‘Camera Aiming Tool’ for aiming assistance