

Multifamily Vehicle Detection Camera Checklist

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Use this checklist before deploying vehicle detection cameras on a multifamily construction site. It is designed to help project teams identify priority camera locations, delivery documentation needs, monitoring schedules, and escalation workflows.

Entrance and Access Point Review

- ☐ Identify the main vehicle entrance and confirm the camera can capture incoming and outgoing traffic.
- ☐ List all secondary gates, temporary fence openings, and trade-specific access points.
- ☐ Mark any gates used for concrete, lumber, appliances, dumpsters, fuel, or heavy equipment.
- ☐ Confirm whether temporary signage clearly identifies authorized delivery routes.
- ☐ Review whether any access points will move during the next project phase.

Delivery Documentation Needs

- ☐ Identify high-volume delivery windows and early morning delivery activity.
- ☐ List materials that require stronger documentation, such as appliances, cabinets, HVAC equipment, copper, fixtures, doors, lumber, and tools.
- ☐ Confirm the camera view includes the truck, entry lane, unload area, and timestamp.
- ☐ Define who reviews footage when a delivery is disputed.
- ☐ Confirm how clips will be exported and stored for owner, vendor, insurance, or police documentation.

Unauthorized Vehicle Detection

- ☐ Define normal work hours, approved after-hours access, and restricted vehicle zones.
- ☐ Identify areas where unauthorized vehicles are most likely to enter or park.
- ☐ Set monitoring schedules for nights, weekends, holidays, and shutdowns.
- ☐ Create a list of authorized after-hours vehicles or contractors.
- ☐ Define when operators should issue an audio warning, contact site personnel, or escalate to law enforcement.

Camera Placement and Coverage

- ☐ Prioritize main entrances, secondary gates, delivery lanes, laydown areas, dumpster routes, and near-complete buildings.
- ☐ Confirm camera angles avoid glare, obstruction, and unusable headlight-only views.
- ☐ Review whether PTZ coverage is needed for wide drive paths or changing staging areas.
- ☐ Confirm lighting conditions for nighttime vehicle identification.

- ☐ Schedule camera placement reviews at major project milestones.

Power, Connectivity, and Site Changes

- ☐ Confirm whether wired power is available at each priority camera location.
- ☐ Identify areas where solar-powered camera units or mobile surveillance trailers are needed.
- ☐ Review cell signal quality and determine whether Starlink connectivity may be required.
- ☐ Plan how the unit will be relocated as gates, staging areas, and delivery routes change.
- ☐ Confirm who approves relocation requests and monitoring schedule updates.

Quick Reference

Item	Status	Notes
Main vehicle entrance covered	Not Started / In Progress / Complete	Confirm view captures entry, exit, and timestamp.
Secondary gates mapped	Not Started / In Progress / Complete	Include temporary fence openings and trade-specific routes.
Delivery zones documented	Not Started / In Progress / Complete	Prioritize high-value materials and disputed delivery risk.
After-hours monitoring schedule set	Not Started / In Progress / Complete	Include weekends, holidays, and shutdown periods.
Escalation contacts confirmed	Not Started / In Progress / Complete	List site contacts, backup contacts, and law enforcement escalation rules.
Clip export workflow confirmed	Not Started / In Progress / Complete	Define who can access, export, and share footage.

Review your camera plan every time the site layout changes. Vehicle detection is most effective when coverage follows the active entrances, delivery paths, and high-value areas of the current construction phase.

Need help designing a vehicle detection camera plan for your multifamily jobsite? [Request a free consultation and site survey.](#)