

REAPERHD

HIGH DEFINITION LPR CAMERA

Build a license plate recognition (LPR) system you can count on with the ReaperHD. Deployed in our mobile system, it can provide an added layer of awareness by alerting users to hot listed vehicles they pass on the road. Within our fixed system, the ReaperHD can be positioned to watch for trends or specific types of offenses in key areas of concern. High definition, low profile and compact, our ReaperHD LPR camera is designed to capture nearly 60 license plate scans per camera per second for analysis, even in the most extreme environment.



KEY FEATURES

- Effective color and infrared license capture at speeds up to 150 mph (241 kph)
- High speed image processing – up to 60 images per second (color and infrared)
- High definition, low-profile, compact, dual-lens (color and infrared)
- Enhanced night overview images
- Outdoor rated, IP67, NEMA4
- Single cable power-over-Ethernet installation
- Full-featured and well-documented API

CAMERA SPECIFICATIONS

CAMERA PERFORMANCE

Part Number	Optimal Focal Length	Capture Range
VSR-42-925	75 ft / 22.9 m	55-80 ft / 16.8-24.2 m
VSR-42-916	34 ft / 10.4 m	20-55 ft / 6.1-16.8 m
VSR-42-912	24 ft / 7.3 m	13-48 ft / 4.0-14.6 m
VSR-42-908	16 ft / 4.9 m	8-36 ft / 2.4-11.0 m
VSR-42-906	12 ft / 3.7 m	6-24 ft / 1.8-7.3 m

OPTICS

Window	Shatterproof window
Resolution	1.51 - 2 MP
Capture speed maximum	150 mph (241 kph)

HOUSING

Size	W 6.9 / L 3.9 / H 2 in (W 175 / L 98.5 / H 52 mm)
Fixed mounting	3-axis (aim precision) lock in place, low profile, solid mount, and sun shield
Color	Matte black
Weight	2.2 lbs / 1 kg

ENVIRONMENTAL

Environmental protection	IP67 / NEMA4 compliant
Operational temperature	-40°F to 140°F (-40°C to 65°C)
Connector	IP67 rated RJ45 female

ELECTRICAL

Power consumption	15W nominal, 25W max
Input voltage	POE+ (IEEE802.3 at PD)

CABLE MANAGEMENT

Cable length	Up to 328 ft (100 m)
Type	Cat6 STP 22-24 AWG
Connector	IP67 RJ45 male connector (camera end); RJ45 male (injector end)

For more information, visit
motorolasolutions.com/contactus



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