L6D Dual-Purpose LPR Camera

One camera, twice the insight.

Enhance public safety and operational efficiency with the L6D Dual-Purpose License Plate Recognition Camera. This single, powerful solution delivers both accurate, multi-lane LPR data and high quality color security video. By combining these critical capabilities into one easy-to-deploy camera, the L6D provides the complete picture needed to understand incidents and accelerate investigations - saving time and resources.

Reduce camera clutter

Simplify installation and management, while reducing infrastructure cost with this single camera that provides both purpose-built license plate recognition and video security.

Capture key motion data

Capture motion data, including speed and direction of travel, in addition to standard vehicle details like plate, make, model and color - in all lighting conditions and at highway speeds.

See the bigger picture

Look beyond the vehicle - livestream video to gain vital contextual and situational awareness during and after incidents, leading to better responses and increased safety.

Get more insights from your data

Go beyond alerting and searching with patented analytics, complete control over data retention and broad sharing options.

Streamline investigations with AI

Search faster and easier with the power of AI. Unlock the power of Assist, leverage natural language searching for real-time results.
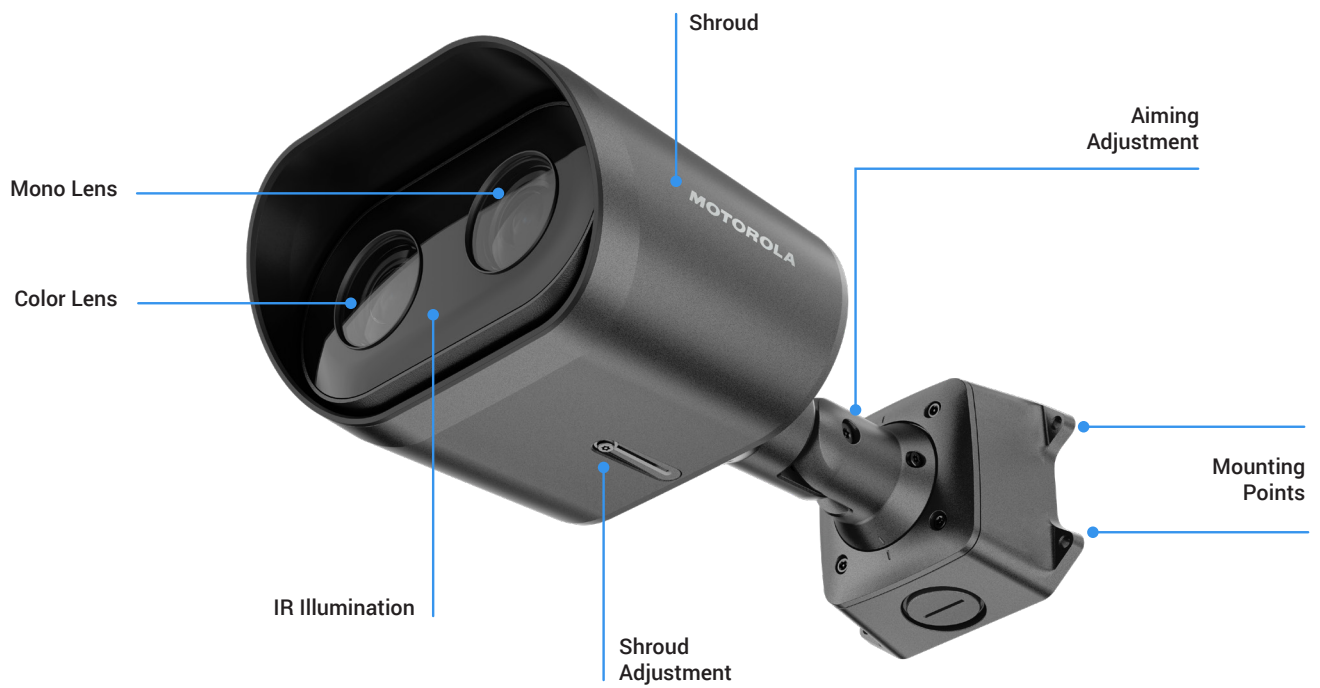
MOTOROLA SOLUTIONS
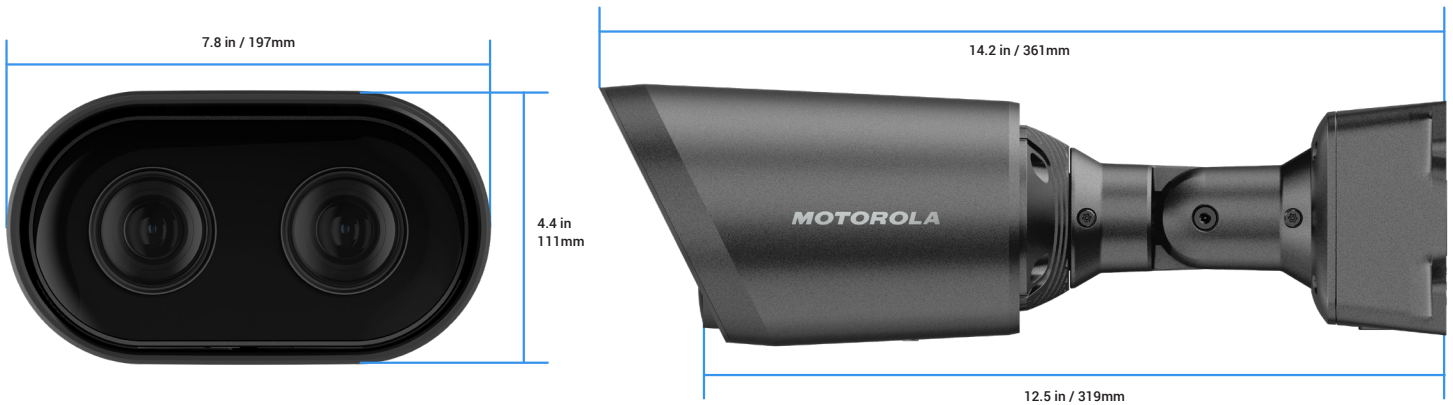
Specifications

IMAGE PERFORMANCE	3.0MP
Capture Range	20-250FT
Capture Speed Maximum	100 MPH
Context Image Sensor	Color Global Shutter CMOS
LPR Image Sensor	Monochrome Global Shutter CMOS
Image Resolution	1440x1080
Sensor Aspect Ratio	4:3

OPTICS	5-125MM
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter
Horizontal Field of View	52 - 3 degrees
Vertical Field of View	40 - 2 degrees
MaxAperture	F1.6
Pulsed LED Illumination	730nm, 850nm

IMAGE CONTROL	
Image Compression	H.264, MotionJPEG
ElectronicShutterControl	Automatic, Manual(1/60 to 1/100000 sec)
Day/NightControl	Automatic, Manual
White Balance	Automatic
Pulsed LED Illumination	730nm, 850nm

NETWORK	
Network	1000BASE-T
Cabling Type	CAT5e
ONVIF	ONVIF®ProfileS
Security	SecureBoot, Passwordprotection, HTTPSencryption, digestauthentication, WSauthentication, useraccesslog, 802.1xportbasedauthentication, onboardFIPS140-2L3certifiedTPM
Protocols	IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP, HST

ENVIRONMENTAL	
Environmental Protection	IP67
Operational Temperature[1]	-40°C to +60°C (-40°F to 140°F)
StorageTemperature	-10°C to +70°C (14°F to 158°F)
Humidity	0-95% non-condensing

ELECTRICAL	
Power Source	POE+ IEEE802.3at Class 4
PowerConsumption	25Wmax (PoE+)
Connector	RJ45
WiFi	802.11b, a, g, n, ac.
Memory	8GB RAM, 64GB Flash

ANALYTICS	
Plate	Characters on vehicle plate
Plate State or Region	State or Region of the vehicle plate
Make	Make of the vehicle
Model	Model of the vehicle
Color	Color of the vehicle
Speed	Speed estimate of the vehicle
Direction	Direction of travel of the vehicle
Location	GPS Coordinates of the vehicle

MECHANICAL	
Size (including junction box)	361x197x111mm or 14.2x7.8x4.4in
Weight	6.94 LBS
Color	Charcoal Grey

MODELS	
VSM-L6D-8IR	L6D, 850nm
VSM-L6D-7IR	L6D, 730nm

ACCESSORIES	
VSD-PLMT	Pole Mount Adapter
VSD-L6D-SHADE	Sunshade Replacement
VSD-60020	20 ft L6D Camera Cable
VSD-60050	50 ft L6D Camera Cable
VSD-60150	150 ft L6D Camera Cable
VSD-60250	250 ft L6D Camera Cable
VSM-5GHUB-4	5G Hub

[1]Coldstart -25C.
*Specifications are subject to change.

7.8 in / 197mm

4.4 in 111mm

14.2 in / 361mm

12.5 in / 319mm

Shroud

Aiming Adjustment

Mono Lens

Color Lens

Mounting Points

IR Illumination

Shroud Adjustment

To learn more, visit: **www.motorolasolutions.com/l6d**

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