GEN 2
HIGH DEFINITION IP CAMERA

Analog*   HD*

The Gen 2 series of High Definition IP cameras are compact, rugged and designed to withstand the harsh shock and vibration of mobile vehicle environments. The powerful processing architecture enables seamless networking, superior low light performance and dual streaming capabilities utilizing the latest H.264 compression schemes. Available as indoor and IP67 rated outdoor models, the Gen 2 series is easy to install utilizing a single cable, Power over Ethernet (PoE) connection and can be tailored with custom enclosure colors to seamlessly blend with vehicle aesthetics.

SPECIFICATIONS
PART NO. 60-200000 (INTERIOR) and 60-300000 (EXTERIOR)

Image Sensor	1/2.7 inch Progressive CMOS
Effective Pixels	1920(H) x 1080(V)
Lens Focal Length	4 mm, F1.5 2.8 mm, F2.0
Field of View	78° horizontal, 45° vertical 110° horizontal, 81.5° vertical
Minimum Illumination	0.1 Lux
Day/Night Function	IR Cut Filter
Shutter Speed	1 – 1/10,000 sec.
White Balance	Manual/AWB/ATW
Compression	Video: H.264/MJPEG Audio: G.711/G.726
Supported Resolutions	Full HD 1080p/SXGA/HD 720p/XGA/SVGA/D1/VGA/CIF
Image Settings	Brightness, Exposure, Sharpness, Contrast, White Balance, Saturation, Backlight Compensation
Custom Settings	Motion Detection, Privacy Mask, Tampering Alarm
Interface	10/100Mbps Ethernet (RJ-45)
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Security	HTTPS, IP Filter, IEEE 802.1X
Internet Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Connectors	RJ-45, microSDHC 32GB support
Power Source	Power over Ethernet (PoE)
Power Consumption	3.5W
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Environmental	IP67 (exterior only)
Dimensions	4.3 in dia. × 1.9 in (110.2 mm dia. × 47.7 mm)
Weight	0.4 lbs (180g)

*Simulated screenshot

POWERFUL IMAGING

The Gen 2 series of IP cameras support H.264 and MJPEG compression with dual streaming capability. Streams can be configured to support resolutions ranging from CIF up to high definition 1080P to maximize recording times while capturing event videos at resolutions up to 9x greater than analog cameras. Finally, the Gen 2 series utilizes industry leading progressive scan image sensors with outstanding dynamic range and low light capabilities to provide crisp, clear, evidentiary video in the most challenging lighting conditions.

RUGGED AESTHETICS

The Gen 2 series come standard with rugged, low profile, polycarbonate domes and are available with indoor and outdoor rated enclosures rated to IP67. The vandal resistant cameras come standard with software based tamper alarm and are designed to eliminate exposed wiring and minimize surface area. The low profile enclosures can be further customized with color schemes to seamlessly blend with vehicle interiors and exteriors.

FLEXIBLE NETWORKING

The Gen 2 series is designed for plug and play operation with the Safety Vision RoadRecorder® 7000 network video recorder. Using Power over Ethernet (PoE) cabling, the units are automatically powered and configured by the RoadRecorder® 7000 and require no additional programming. Additional features such as digital zoom, image flip, privacy masks, contrast, white balance, LED notification, motion detection, microSD recording and audio can be customized by authorized users directly through the built in web server of the Gen 2.

Please discuss our installation, training, extended warranty, spare-in-the-air, and onsite service options with your mobile video solutions specialist!

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SAFETY VISION®