

Explosion-Proof Camera

Product specifications

Model	SGC-EX LS
Image sensor	Sony IMX291 STARVIS; 1/2.9-inch type (catalog)
Maximum resolution	2MP (1920 × 1080)
Lens options	3.6 / 4 / 6 / 12 mm
Digital zoom	8×
Wide dynamic range	130 dB
Night imaging	Sony STARVIS low-light color imaging using available ambient light; no built-in IR or white-light illumination
Image processing	3D noise filtering, backlight compensation, automatic gain control and electronic image stabilization
Light sensitivity	Color: 0.03 lux at 33 ms / 0.008 lux at 250 ms; mono: 0.004 lux at 33 ms / 0.001 lux at 250 ms. Catalog test conditions apply.
Shutter / SNR	1/1–1/10,000 s; >50 dB
Video encoding	H.264 High, Main and Base profiles; MJPEG
Video streams	Up to 2 simultaneous streams
Frame rate	Up to 60 fps, depending on encoding, resolution and stream configuration
Ethernet	100/1000 Base-T Ethernet; Cat5e or better
Integration	Third-party NVR compatibility; catalog lists ONVIF profiles S, G and Q
Transmission options	Optional SFP/FSFP modules for fiber, Ethernet-over-coax or UTP
Access	Password protection; web browser viewing and setup

Protocols	TCP/IP, UDP/IP, RTP, RTSP, DHCP, DNS, NTP, IPv4/IPv6, HTTP/HTTPS, SNMP and 802.1X (catalog-listed)
Construction	Electropolished 316L stainless steel (technical specification)
Viewing window	12 mm tempered glass
Sun shroud	316L stainless steel
Catalog weight	6.0 kg; confirm supplied configuration
Cable entries	Dual entries; 0.75-inch NPT threaded openings
Mount adjustment	Manual 360° pan and 180° tilt with optional accessory mount
Power options	12 VDC / 48 VDC / 100–240 VAC, configuration dependent
Temperature	Catalog operating range: –60°C to +60°C; cold-start and heater conditions depend on configuration
Alarm inputs	4 inputs, optional
Environmental options	Heater / window defroster and sun shroud
Analytics software	Optional; not included in the base package
Motion analytics	Adaptive motion, directional motion, loitering and stopped-vehicle detection
Scene analytics	Camera sabotage, object counting and object removal
Local storage	Optional SDXC storage; capacity to be confirmed for the supplied configuration
Maintenance	Remote soft reset; configurable on-screen displays