samsara

Bullet IP Site Camera

SC12 Datasheet

OVERVIEW

The Samsara SC12 Bullet IP Site Cameras, part of the Site Visibility Solution, reinvent video monitoring for the modern worksite. Complex businesses can proactively optimize operations and improve safety by leveraging intelligent incident, people, and vehicle detection and by defining specific areas of interest for motion alerts. With software features that promote bandwidth management and customizable alerts, the SC12 allows you to respond to incidents faster and prioritize critical machine traffic to improve productivity for you, your assets, and your workforce.

The SC12 ruggedized cameras integrate with the Samsara Site Gateway to offer best-in-class quality footage, smart analytics, and unparalleled visibility via the Samsara dashboard. These IP cameras include advanced resolution technology for enhanced visibility in dark environments and are weather and vandal-proof rated.

HIGHLIGHTS

Remote Visibility	Access, view, and manage your site from any device.
Secure Cloud Access	Assign access to your footage through user roles and permissions and SAML SSO.
Proactive Alerting	Customize alerts to detect unsafe activities, such as improper PPE usage or vehicles entering areas of interest.
Video Retention	30+ day video storage and downloadable cloud footage.
Flexible Deployment	Easily installed in outdoor deployments where where an adjustable or longer field of view is required.

Site Visibility Overview

Deploy Samsara IP Site Cameras throughout your worksite to seamlessly capture video and audio recordings.

SAMSARA CLOUD

Install the Samara Site Gateway with sophisticated AI to instantly unlock visibility and insights into your site.

The power of Site Visibility lies in the dashboard which provides real-time visibility, AI-powered analytics, and is available from anywhere in the world. Secure, monitor, enhance, and protect your facilities via a cloud VMS.

Technical Specifications

OVERVIEW	HW-SC12
Resolution	5 megapiels, 2560×1920 Wide Dynamic Range (WDR) to balance dark and light areas of an image
Compression	H. 265, H. 264, MJPEG
Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection*1
Power Input	IEEE 802.3af PoE Class 0 DC 12V AC 24V (Optional, Redundant Power)
Power Consumption	PoE: Max. 12 W DC 12V: Max. 10 W AC 24V: Max. 11.5 W
Dimensions	118 × 118 × 294 mm (4.65 × 4.65 × 11.57 in)
Weight	1254 g (44.23 oz)
Ingress Protection (Weather) Rating	IP67 - dust tight with immersion up to 1 m
Impact Protection (Vandal) Rating	IK10 - protected against 20 joules of impact
Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick
Storage	Requires Site Gateway for centralized storage and monitoring (SG sold separately)

ADDITIONAL CAMERA FEATURES

Image Sensor	1/2.7" Progressive CMOS
Aperture	F2.0
Iris Type	Fixed-iris

Technical Specifications

Field of View	30° ~ 100° (Horizontal) 23° ~ 72° (Vertical) 38° ~ 135° (Diagonal)
IR Range / Night Visibility	Built-in IR Illuminators (with removable IR-cut filters) up to 50 meters for enhanced night visibility.
Shutter Time	1/5 to 1/32,000 seconds
Pan Range	350°
Tilt Range	90°
Rotation Range	180°
Operating Temperature	Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	90%
Warranty	5 Years

VIDEO

Maximum Frame Rate	30 fps
S/N Ratio	65 dB
Dynamic Range	120 dB

ORDERING

HW-SC12	Bullet Network Camera - 5 Megapixels
HW-SG1	Site Gateway - 25 Streams - 16 TB Memory*
LIC-SC1	License per stream for Samsara and non-Samsara cameras. Note: each Samsara camera requires a license to operate. *Site Gateway sold separately from cameras.*

ACCESSORIES

Quick installation guide	Cable gland
Alignment sticker	Mounting kits for flexible deployment
Screwpack	