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Product Specification Sheet

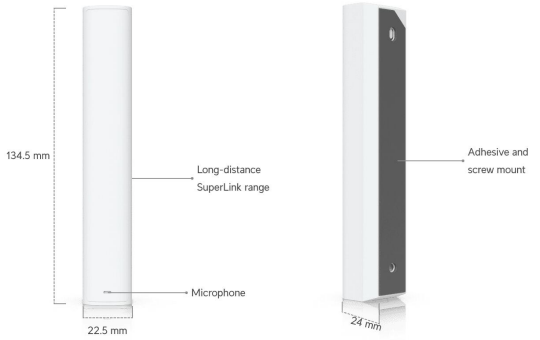
USL-GLASS

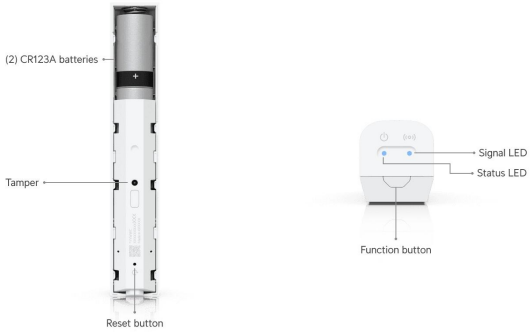
Ubiquiti UniFi Superlink Glass Break and Motion Sensor

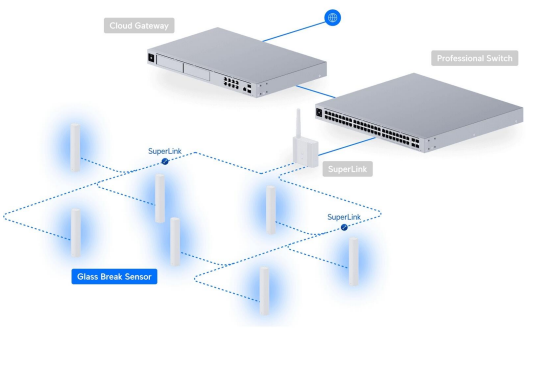
Product Overview

Ubiquiti UniFi Superlink Glass Break and Motion Sensor, USL-GLASS, Battery-Powered Sensor with PIR Motion Detection, Built-In tamper Switch triggers alerts if opened or removed, Requires usl-gateway for Operation, Configured via UniFi Protect Application on iOS and Android, Connectivity uses Superlink proprietary Protocol









Specifications

Overview Summary:

Secure your South African home or business with the Ubiquiti UniFi SuperLink Glass Break and Motion Sensor (USL-GLASS). This advanced, battery-powered device offers reliable dual detection capabilities to monitor for glass breakage and movement while featuring built-in tamper alerts to notify you immediately if the unit is disturbed. Designed for seamless integration with the UniFi Protect Application, it provides peace of mind through high-performance security monitoring tailored to modern safety needs.

Whether you are looking to upgrade an existing system or install a new solution, this sensor delivers robust protection without complex wiring requirements. Take control of your property's safety today by adding this reliable detection unit to your setup. Buy now to ensure your premises remain secure with cutting-edge technology from Ubiquiti.

Performance tier: High

Uses: Home security, office surveillance, glass break detection, motion monitoring, alarm systems

Overview:

The Ubiquiti UniFi SuperLink Glass Break and Motion Sensor, part number USL-GLASS, is a premium battery-powered security device designed to integrate seamlessly with the UniFi Protect ecosystem. This advanced sensor combines high-sensitivity motion detection with sophisticated glass-break analysis, providing comprehensive coverage for doors, windows, and entry points. By utilizing the proprietary SuperLink protocol, it ensures reliable wireless communication over long distances while maintaining low power consumption through its dual lithium battery design.

Description:

This device offers a robust security solution that monitors for both motion and specific glass break frequencies, triggering immediate alerts within the UniFi Protect Application. It includes built-in tamper detection to warn of unauthorized access or removal, ensuring your perimeter remains secure at all times. Please note that this sensor requires a USL-GATEWAY to function and is managed exclusively through the mobile or web interface of the UniFi Protect suite.

Features:

Key Performance Specifications
The USL-GLASS delivers exceptional range and reliability, utilizing SuperLink technology to achieve a maximum transmission distance of up to 2 km (1.2 mi) under optimal conditions. Operating on specific frequencies for different regions, the device transmits at 915.6-927.6 MHz in the US and 865.1-869.5 MHz in the EU, with a maximum TX power of 14 dBm to ensure strong signal integrity even through walls.

- Connectivity: SuperLink (Proprietary wireless protocol)
- Maximum Range: Up to 2 km (1.2 mi) for reliable data transmission
- Microphone: Integrated for glass break detection analysis
- Power Consumption: Ultra-low at 0.2W max usage

Smart Detection and Mounting Capabilities
Safety is the priority with this sensor, which detects a wide variety of glass types including plate, tempered, obscured, laminated, coated, and wired glass. It supports glass sizes ranging from 280 x 356 mm up to 1067 x 1626 mm across various thicknesses from 2.4 mm to 6.4 mm. The unit is built with a durable polycarbonate enclosure and can be installed using either adhesive backing or screws for maximum stability.

- Sensor Type: PIR motion sensor combined with acoustic glass break detection

- Mounting Options: Supports both adhesive and screw mount configurations
- Tamper Detection: Built-in switch triggers alerts if the device is opened
- Ambient Conditions: Operates effectively between 0 to 40degrees C with up to 90% humidity

Battery Life and Hardware Details
Designed for long-term deployment without frequent maintenance, the sensor runs on two CR123A lithium batteries that provide a battery life of up to three years. The compact design measures approximately 134.5 x 22.5 x 24.8 mm with a wall mount and weighs only 70 g including the mount and batteries. It includes status LEDs for signal strength and device activity, along with buttons for factory resets and tamper switches.

- Power Source: (2) Lithium battery CR123A
- Battery Life: Up to 3 years of operation
- LED Indicators: Status (Red/Blue/White) and Signal (Blue/Red)
- Certifications: FCC, IC, CE compliant and NDAA Compliant

Software Integration
Management is streamlined through the UniFi Protect web application or mobile apps available for iOS and Android. This integration allows users to configure zones, adjust sensitivity settings, and receive real-time notifications directly on their devices, ensuring that you stay connected to your property security from anywhere in the world.

What's in the box
The package includes the Ubiquiti UniFi SuperLink Glass Break and Motion Sensor unit (USL-GLASS), necessary mounting hardware for both adhesive and screw installation methods, and two CR123A lithium batteries pre-installed. The device is ready to pair with your USL-GATEWAY immediately upon setup.

Specifications:

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Specifications	
Product Code	USL-GLASS
Overview	
Dimensions	Device with wall mount: 134.5 x 22.5 x 24.8 mm (5.3 x 0.9 x 1") Device with corner mount: 134.5 x 22.5 x 27.9 mm (5.3 x 0.9 x 1.1")
Microphone	?
Mounting	Adhesive and screw mount
UniFi Application Suite	Protect
Performance	
Connectivity	SuperLink (Proprietary)
Operating Frequency	
US	915.6-927.6 MHz
EU	865.1-869.5 MHz
Max. TX Power	
SuperLink	14 dBm
Max. Range	

SuperLink	2 km (1.2 mi)
Sensor Features	
PIR Sensor	Yes
Detected Glass Type	Plate, tempered, obscured, laminated, coated, wired Size: 280 x 356 mm (11 x 14") to 1067 x 1626 mm (42 x 64") Thickness: 2.4 mm (3/32"), 4.8 mm (3/16"), 3.2 mm (1/8"), 6.4 mm (1/4")
Hardware	
Max. Power Consumption	0.2W
Supported Voltage Range	3V
Power Method	(2) Lithium battery CR123A
Battery Life	Up to 3 years
Weight	With mount and batteries: 70 g (2.5 oz)
Enclosure Material	Polycarbonate
Mount Material	Polycarbonate
Buttons	(1) Function button (1) Factory reset (1) Tamper switch
LEDs	(1) Status: R/B/W (1) Signal: B/R
Ambient Operating Temperature	0 to 40degrees C (32 to 104degrees F)
Ambient Operating Humidity	10 to 90% noncondensing
Certifications	FCC, IC, CE
NDAA Compliant	Yes
Software	
Application Requirements	
Web Application	UniFi Protect
Mobile App	UniFi Protect iOS and Android

FAQ

What hardware is required to operate the Ubiquiti UniFi SuperLink Glass Break and Motion Sensor?
The USL-GLASS requires a USL-GATEWAY to function and must be configured through the UniFi Protect Application.

How does this sensor detect glass breakage and what types of glass are supported?
The device features advanced detection for plate, tempered, obscured, laminated, coated, and wired glass with thicknesses ranging from 2.4 mm to 6.4 mm.

Can I install this sensor without drilling holes in my wall?
Yes, the USL-GLASS supports both adhesive and screw mounting options for flexible installation.

How long does the battery last on a single charge?
Powered by two CR123A lithium batteries, the device offers up to 3 years of battery life with a maximum power consumption of 0.2W.

What happens if someone tries to tamper with or remove this sensor?
The built-in tamper detection triggers alerts immediately if the device is opened or removed from its mounting surface.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/USL-GLASS-Ubiquiti-UniFi-Superlink-Glass-Break-and-Motion-Sensor-p-341613.php

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