



Data Sheet:

Wi-Fi Call Station Series

Models: CS100, CS100MR & CS100CD

Wireless emergency call station for resident distress alerting and monitoring



Product Description

The CS100, CS100MR (Moisture Resistant) and CS100CD (Code Call) Wi-Fi Call Stations are components of STANLEY Healthcare's Wireless Call Solutions. The wireless, battery-operated fixed-location devices are designed to trigger alarms when the call button is pressed, the pull cord is pulled, or when an optional remote push-button is used.

The Wi-Fi Call Stations are equipped with a large call button, a durable antibacterial pull cord and a dual-purpose Dismiss/Check-In for dismissing alarms and daily resident check-ins.

Triggered alarm information is shown in Arial, and includes the device's fixed location, resident details and event times.

Additionally, response time and resident check-in reports can be generated by the Arial software.



Key Features

Wi-Fi Compatibility

The Call Stations use any standard Wi-Fi network infrastructure, keeping costs low and making deployments simple and fast. The stations wireless messages are received via Wi-Fi access points.

Beaconing Communication

The Wi-Fi Call Station utilizes lightweight beaconing communication.

Multiple Alarm Activation Options

For duress situations that require immediate assistance or attention, the alarm can be activated by pressing the large call button, pulling the cord, or by pressing an optional push-button cord.

Dual Purpose Dismiss/Check-In Button

The Call Stations offer daily Check-Ins for residents to indicate that they are OK. An alert is generated by Arial if a Check-In is not received. The Check-In button is also used to dismiss a duress alarm.

Battery and External Power

The Call Stations are powered by batteries or an optional 5V power adaptor. The Stations battery levels are constantly monitored and displayed in Arial.

Back-Up Power

When using external power, batteries can be inserted as a source of back-up power, in case of power failures.

Visual and Audible Indications

The Wi-Fi Call Stations include LEDs and a speaker for visual and audible indications.

Easy Mounting

The Stations are supplied with mounting brackets for fast and easy mounting.

Product Highlights

- Wi-Fi Compatible
- Large and Tactile Call Button
- Durable Antibacterial Pull Cord
- Battery and Optional AC/DC Power
- Back-Up Power
- Visual and Audible Indications
- Resident Check-Ins
- Night Illumination
- Fully Supervised by Arial
- Easy Mounting
- Moisture Resistant (CS100MR)
- Code Call Version (CS100CD)
- Suitable for UL1069 and Non-UL1069 deployments

Night Illumination

The Call Stations have two (2) dim night illumination LEDs for use in darkness. The LEDs are On by default and can be turned Off if needed. The LEDs provide enough light for comfort and don't illuminate the room.

Moisture Resistant (CS100MR)

The CS100MR (Moisture Resistant) Wi-Fi Call Station version is for high moisture and humid environments, and is perfect for bathroom placements. The moisture resistant version is easily identified by a 'Bathroom Moisture Resistant' marking on the side of the device and back label.

Code Call (CS100CD)

Code Call stations are used for residents with serious health issues that may require an emergency 'code' response. Code Call stations are positioned and repositioned near residents that fall into this high risk category.

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Product Specifications	
Part Numbers	SKU: CS-1000 SKU: CS-1000-MR (Moisture Resistant version) SKU: CS-1000-CD (Code Call version)
Range	Indoor range: Up to 80m (260 feet)
Physical and Mechanical	Dimensions: 145mm x 84mm x 40mm (5.70in x 3.30in x 1.57in) Weight: 200g (7.05oz)
Radio	802.11 b/g/n compliant (2.4GHz) Low frequency receiver for chokepoint detection (125kHz) Transmission power: Up to +19dBm (~81mW) Patented clear channel sensing avoids interference with wireless networks
Security Protocol	WPA2 security with AES-256 encryption
Environmental	Temperature: 0°C to 50°C (32°F to 122°F) Humidity: 0 to 95% RH non-condensing (CS100) Humidity: Condensing (CS100MR) Ingress Protection Rating: IP-20
Electrical	Battery: 3x 3.0V CR123A Lithium batteries (replaceable) AC/DC Power input: 5V 2A* *See Deployment & Maintenance Guide for recommended power adapters.
Audio	Adjustable Volume Level: Max 96dBA
Certifications	Radio: FCC Part 15, sub-part C class B, sub-part B EN 300-328, EN 300-330, EN 301-489, RSS 210 (Canada) Safety: US: cTUVus - UL 60950, IEC60601-1 and applicable, IEC60601-1-X standards. Europe: CE mark - EN 60950, IEC/EN 60601-1 and applicable IEC 60601-1-X standards Suitable for STANLEY Healthcare's UL1069 certified solution.

Call Station Models



CS100 & CS100MR



CS100CD

Listed to UL1069
File number: E496257
Type: HN



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