

Alert-iT Care Alarms
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Product Fact Sheet

P209 Call Point with Pull Cord



1 Product Description

The P209 is a water-resistant call point that can be installed in various locations around a care facility, including bathrooms. It features an optional pull cord with an anti-ligature breakaway connector.

The device is battery powered and the alarm notifications are transmitted via Alert-iT's Safelink radio protocol.

The device can be software configured to raise different priority alarm notifications

2 Fact Sheet Revision History

| Issue | Changes | Date | Author | Date | Approver |
|-------|---------------|----------|--------|----------|----------|
| 1 | First Release | 20/06/24 | J. R | 20/06/24 | T. B |
| | | | | | |
| | | | | | |

3 Product Variants

Product variants are indicated with the following nomenclature;

P209 [RADIO BAND] [PULL CORD]

3.1 Hardware Variant

| Letter Code | Radio Band | Pull Cord |
|-------------|--------------|--------------|
| AA | 434.075 MHz | Included |
| AB | 434.075 MHz | Not Included |
| BA | 869.2125 MHz | Included |
| BB | 869.2125MHz | Not Included |

For example: **P209BB** is a P209 with “**869 MHz Radio**” and “**No Pull Cord**”.

3.2 Configurations

All of the above variants can be ordered or re-configured using profile editor to the following configurations;

| Configuration | Description |
|---------------|----------------------|
| C0 | Low Priority Call |
| C1 | Medium Priority Call |
| C2 | High Priority Call |

The full model name should be specified in the following format when ordered: “**P209AA-C1**”.

4 Product Specifications

4.1 Inputs

| Function | Input Type | Description |
|--------------|------------------------------------|---|
| Press Button | Tactile Press Switch | Button is pressed to raise a call or held for 2s to reset a call. |
| Pull Cord | Pull Cord with breakaway connector | Cord is pulled to raise a call. |

4.2 Outputs

| Function | Output Type | Description |
|---------------|---|---|
| Alarm Light | Red LED | Blinks every 3s for High Priority Calls. Blinks every 4s for Medium Priority Calls. Blinks every 5s for Low Priority Calls. Blinks every 6s for Low Battery Fault Calls. |
| Radio | P209A = 434.075 MHz P209B = 869.2125 MHz | 600 meters range (Line of sight). 600 meters range (Line of sight). |
| Audible Alarm | None | Device has no audible alarm. |

4.3 Electrical

| Function | Description |
|---------------|---|
| Input Voltage | N/A. Battery powered only. |
| Battery life | 2 to 5 years (dependant on number of alarm cycles). |
| Charge Time | N/A. Not rechargeable. |
| Batteries | 1x CR2450 3V Coin Cell Battery. (Non-Rechargeable). |

4.4 Mechanical

4.4.1 Control Unit

| Function | Description |
|-----------------|-------------------------------|
| Sealing | IPX5 |
| Weight | 80g (Including batteries) |
| Height | 86mm |
| Width | 86mm |
| Depth | 19mm |
| Fascia Material | Microban Polyester. ISO22196. |

4.5 Operating Environment

| Description | Specification |
|----------------|----------------------------|
| Operating Temp | 5°C to 35°C (Used indoors) |

4.6 Classification

| Description | Specification |
|-------------|---------------|
| Markings | CE. |
| RoHS2 | Yes |