

INFORMATION LOOP PANEL BV-110

AutoSafe 4 Interactive Fire Detection System Product Datasheet

Features

- User-friendly display and operator controls
- Scroll function for more alarms
- Text display suitable for full darkness operation
- Displays alarms, faults and disablements
- Possible to change to different event windows
- On-wall mounting
- Conforms to EN 54 regulations
- Conforms to CE standards
- Designed to meet the requirement of the major maritime classification societies

Description / Application

The unit has been designed for use with AutoSafe 4 Interactive Fire Detection System.

The Information Loop Panel BV-110 serves as an indication device only. It provides information related to the defined operation zone(s).

The panel can be configured (by means of the configuration tool) to show detection zones and point information in an alarm situation, or detection zones only.

By operating the More Events Button, it is possible to scroll through and view detailed information of the first 64 alarms (or 32 first alarms, if the panel is configured to show both detection zones and points).

The panel can store up to 6 faults and 6 disablements. The total number of faults and disablements in the system will always be shown, but it is only possible to scroll through and view detailed information of the first 6 faults and disablements (using the More Events Button).



Operator controls

The panel offers the following buttons:

- More Events button for scrolling through several alarms within the same event window
- Silence Buzzer (60 dB) for silencing the internal buzzer. The internal buzzer will remain muted until a new alarm or fault is triggered
- Next Window button for stepping to a new event window, for example from Fire Alarm to Fault Warning window
- Toggle backlight brightness between high and low by holding the Next Window button for 5 seconds until audible beep
- Lamp Test button for activating all indicators

Indicators

The panel provides the following indicators:

- Fire Symbol, Alarm Routing Activated, Fault, Function Disabled, Test, System Fault, Power, More Events
- Internal buzzer

Capacity

A maximum of 8 panels can be connected to the detection loop.

| Product Name | Part number | Description |
|--------------|-------------|------------------------|
| BV-110 | 116-BV-110 | Information Loop Panel |

| Technical specifications | |
|------------------------------|---|
| Dimensions (mm) | 310 x 154 x 45 |
| Weight with mounting bracket | 0,8kg |
| Housing material | ABS/PC moulded front |
| Mounting | On-wall, requires flat surface to maintain IP rating (IP32) |
| Protection class | IEC529 / IP32 |
| Storage temperature range | -30 to +70 °C |
| Operating temperature range | -15 to +70 °C |
| Humidity | 10% - 95% RH (non-condensing) |
| Connections | AL_Com Detection Loop |
| Cable terminals | Max 2.5 mm ² single core wires |
| Cable requirements AL_Com | Refer to specification for AutoSafe or AutoPrime |
| Current consumption | 6mA (max) <1mA (idle) |

Approvals

Refer to www.autronicafire.com

| Approvals |
|--------------------------|
| EN54-17, EN54-18, EN54-2 |
| IACS-E10 |
| CE |

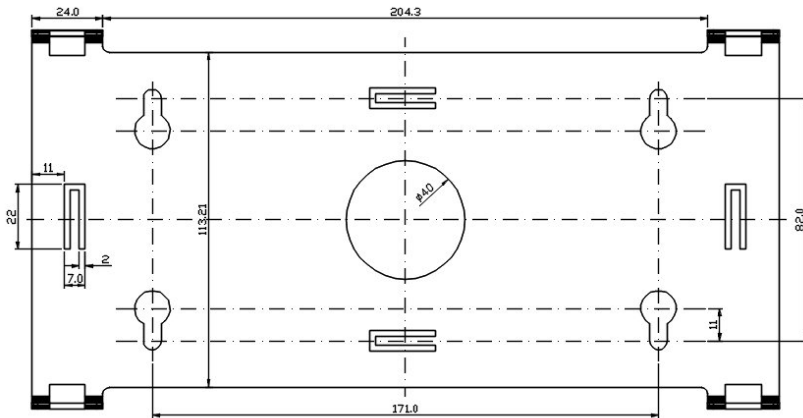
Installation Overview

The Information Loop Panel (BV-110) is to be surface mounted onto a bracket on the wall.


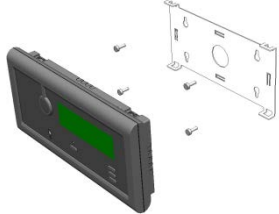
To ensure optimal readability of the panels' display, the recommended mounting height of the panel top is approximately 175 cm above the floor.

The panels must be placed according to local regulations and in consultation with the fire brigade.

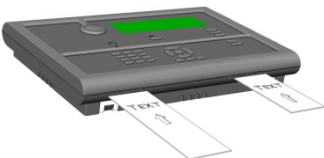
Mounting bracket drawing



Panel and Bracket

| | | |
|--|--|--|
| <p>Information Loop Panel (BV-110)</p> <p>Mounted onto a bracket (UD-732).</p> <p>Dimensions: HxWxD (mm): 310 x 154 x 45</p> |  |  |
|--|--|--|

Mounting Instructions

| Step | Description |
|------|---|
| 1 | <ul style="list-style-type: none"> Find the text foils in the relevant language for the panel, and insert the text foils in the correct locations (there are two different foils in one foil kit). Through the small hole near the slot, use a small screwdriver or similar to slightly bend the edge (approx. 1 mm) of each foil until the edge slips behind the opening of the slot.  |
| 2 | <p>Note that the panel must be placed according to local regulations and in consultation with the fire brigade.</p> <ul style="list-style-type: none"> Mount the panel bracket onto a wall with a flat surface in order to maintain IP rating (IP32). |
| 3 | <ul style="list-style-type: none"> Connect AL_Com loop cables to the correct terminal points. |
| 4 | <ul style="list-style-type: none"> Place and center the lower part of the panel onto the lower part of the bracket, then simply push the upper part of the panel towards the bracket until it snaps on. |