

1023221611

## EAPFX-1-V2

Exigo Industrial Ex Access Panel - V2



-  **Exigo**
-  **IP66**
-  **IEC Ex Intercom**
-  **Atex**
-  **IP over 2-wire**

- Network access panel for explosive atmospheres
- Ex mb ib e IIC T4 Gb
- DSP for acoustic signal processing
- IP networking and power over Flowire technology
- One programmable button with individual label and status indicators
- Optional button protection covers
- Indicators for power, call and fault
- For single or dual systems (A and B systems)

### DESCRIPTION

The EAPFX-1-V2 is the next generation of our Ex access panels. The EAPFX-1-V2 is a rugged access panel, developed for harsh offshore environments and hazardous areas. The antistatic plastic housing withstands corrosion from the most common corrosive gasses and compounds found in this type of environment. The access panel features one fully programmable button, which can be used to manually initiate fire alarms, gas alarms or any other action in the Exigo system.

The access panel is equipped with indicators to show the status of the power supply, call activity and whether a fault is present in the system. The access panel's button features two independent status indicators, which shows the status of the button's function.

The access panel is fully digital, and connects to the Exigo system over a single-pair cable. The access panel is fully monitored to ensure detection of any fault which may compromise the system's functionality.

# SPECIFICATIONS

## MECHANICAL

|  |                             |
|--|-----------------------------|
| Dimensions (HxWxD):                            | 345 x 178 x 101 mm          |
| Weight:  | 3.4 kg                      |
| Mounting:                                      | On-wall                     |
| Color:   | Black                       |
| Cable entry (default mounted with blindplugs): | 2x M25 and 2x M16.          |
| Cable glands (in delivery):                    | 2 pcs. for Ø10-17 mm cables |

## ENVIRONMENTAL

|                        |  |
|------------------------|--|
| Operating temperature: | -20°C to +55°C                               |
| Operating humidity:    | 10% to 95% (non-condensing)                  |
| Storage temperature:   | -40°C to +70°C                               |
| Storage humidity:      | 10% to 95% (non-condensing)                  |
| IP rating:             | IP-66 (IP-64 in accordance with IEC 60079-0) |
| IK rating:             | 4J @-20°C                                    |

## ELECTRICAL

|                    |                              |
|--------------------|------------------------------|
| Nominal voltage:   | 24-48 VDC (SELV)             |
| Power consumption: | PNOM ≤ 3 W (idle) PMAX = 8 W |

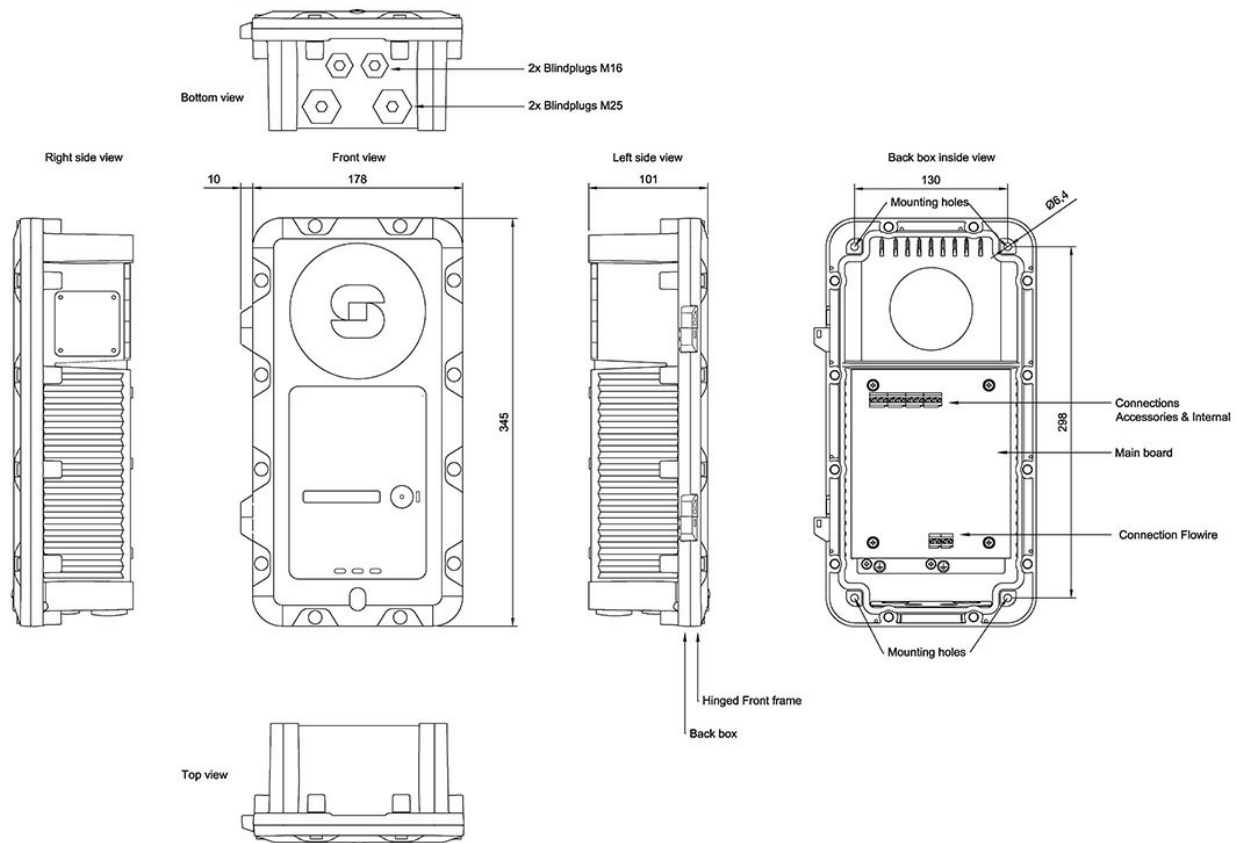
## NETWORK

|         |                              |
|---------|------------------------------|
| Flowire | 2 x Power line communication |
|---------|------------------------------|

## CERTIFICATIONS

|                          |  |
|--------------------------|--|
| Immunity                 | EN 60945, EN 50130-4, EN 61000-6-1, EN 61000-6-2, EN 55103-2                         |
| Emission                 | EN 60945, EN 50130-4, EN 61000-6-3, EN 61000-6-4, EN 55103-1                         |
| CENELEC safety standards | EN 60079-0:2018, EN 60079-7:2015/A1:2018, EN 60079-11:2012, EN 60079-18:2015/A1:2017 |
| IEC safety standards     | IEC 60079-0:2017, IEC 60079-7:2017, IEC 60079-11:2011, IEC 60079-18:2017             |
| Marking                  | II 2(2) G Ex e ib mb [ib] IIC T4 Gb -20°C ≤ Ta ≤ +55°C                               |

## TECHNICAL DIMENSIONS



## ACCESSORIES



**EMMAX-1H**

Item number: 1023533511



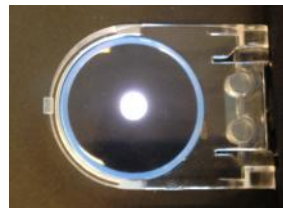
**AK5850HS**

Item number: AK5850HS



**FCDC3**

Item number: 1008080310



**EGA-1**

Item number: 1023594100



**TAX-2B**

Item number: 1008150025