

# **Medical Gas Main Alarm Panel**

This colorful 12" touch screen main alarm panel monitors and displays the medical gas source equipment information as required by the latest additions of NFPA99, EN ISO 7396-1 and HTM02-01.

The new Silbermann touch screen main alarm panel incorporates state of the art Hi security technology, protecting the information displayed and transmitted, from malicious attacks.





### **Features**

- LCD 12" touch screen display.
- Display of up to 62 alarms on screen.
- Aesthetics & smooth design without buttons for infection control.
- Secured Ethernet based network communication between all units.
- Unique secured authentication of each unit to avoid fake/masking of alarms.
- Automatic adjustment of screen brightness (day & night mode).
- Self diagnostics with error display for problem identification.
- Event logging, recording all alarms and panel activities.
- Periodical maintenance alert.
- Customizable text & language for alarms text.
- Adjustable alert display- No vacant fields regardless to the No. of alerts.
- Adjustable alert display- managing the alarm display for alerts that require high priority.
- Adjustable digital alarms color (Red/ Yellow).
- Enable/ Disable of digital alarm.
- Adjustable digital alarm type (NO/ NC).
- Automatic adjustment of screen brightness (day & night mode).

- Remote monitoring dry contacts of gas pressure alarm condition including:
  High & Low alert,
  Below Min alert,
  Any Alarm.
- Hinged panel opening for easy installation and maintenance.
- Built-In relay for remote annunciator applications.
- Advanced Communication:
  - Remote viewing through mobile device or remote computer.
  - Wifi communication available.
  - Remote monitoring (Via TCP/IP ModBus) through building management system available.
  - Remote monitoring dry contacts of High and Low gas pressure alarm condition.

#### **Applicable Standards**

 Medical Gas Systems: NFPA99, EN ISO 7396-1 & HTM02-01 requirements.

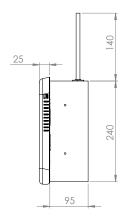


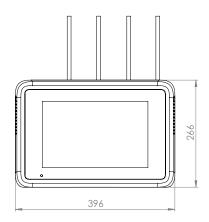
# **Specifications**

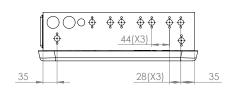
- The digital 12" touch screen main alarm system shall be of Silbermann's type.
- Alarm Panel shall be capable of accommodating up to 62 dry contacts. The sensors shall be capable of local or remote mounting.
- Customizable text & language.
- Alarm test & Mute touch buttons shall be easily accessed for operating and testing the unit.
- Adjustable repeat alarm (15 min or OFF. Also 15 seconds for convenient maintenance).
- Alarm buzzer level adjustable : 70,80,90 dB
- Adjustable alarm color for each signal (Red or Yellow)
- Input power shall be 100VAC to 230VAC, 50÷60Hz
- Optional backup battery.



## **Dimensions [mm]**









### **Catalogue Numbers**

No. of Alarms	Cat No.
up to 8	7182524
up to 16	7182516
up to 24	7182521
up to 32	7182534
up to 40	7182535
up to 48	7182536
up to 56	7182537

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