Intelligent Addressable Active Repeater Panel

MODEL: **AS-801-ARP**

Product Overview

AS-801 ARP is a repeater panel that repeats events of main fire alarm panel AS-801-ARP is connected with ASES make 801 series Intelligent Addressable panel. This is an ACTIVE Repeater panel we can reset or silence main fire panel from repeater panel . The communication between main panel & repeater panel can be through **RS-485** or OFC protocal (Optional).

Any communication fault or any loss in communication due to cable fault is indicating this repeater panel.

Approvals:

STQC Certification   CE   EN54 Complied   ERTL As per IS : 2189

Features :

- Operated by 7" (screen is of 480 x 800 pixels. This screen is TFT display, abilities to display user interactive graphics and 320 text characters. This screen consists of multiple pages to provide user ease to access of each functionality on finger tips.) Touch Screen.

- On Board three feather touch switches to Reset, Silence & Evacuate in Main Fire Panel.

- Remote Silence and Reset with Touch Screen.

- Time setting & Addressing programing can be done through Laptop.

- Remote control of ASES main panel in the network / system.

- Audio visual warning for Battery Fault, Power Fault, Common Fire.

- Mini USB for PC Interface.

- Only 4 wire needed for repeater .

- Easy commissioning using touch screen/Laptop.

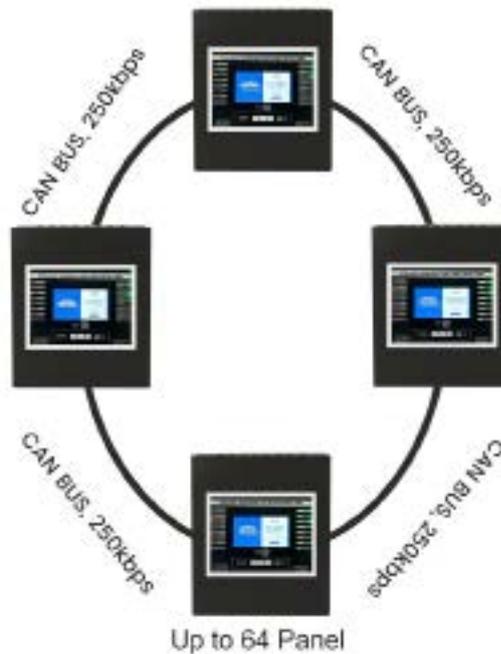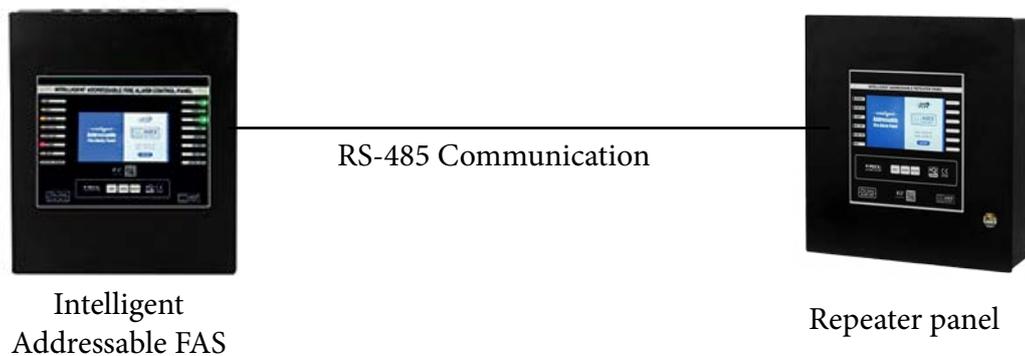- Seperate Led Indication For System On, Power Fault, Silence , Battrey Fault, Comunication Fault, Common Fire.

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Specification	
Mains voltage supply	24Vdc - 26Vdc
Current Rating	300 to 400 mA
IP Rating	IP 30
Finish	Matt finish
Control Panel Colour	White/Black/Red
Frontal LEDs	06 No.
Display	480 x 800 pixels, 7" inches TFT touch screen display
Com. Fault contact rating	230Vac@7A/28 Vdc@7A
Com. Fire contact rating	230Vac@7A/28 Vdc@7A
PC port	Mini USB
Repeater to main panel distance	up to 1200m (Max. in Ideal Condition)
Network connection	RS485/CAN bus
Weight	5.850 Kg Approx
Dimension (LxWxD)	410 x 410 x 125 mm Approx

Wiring Installation

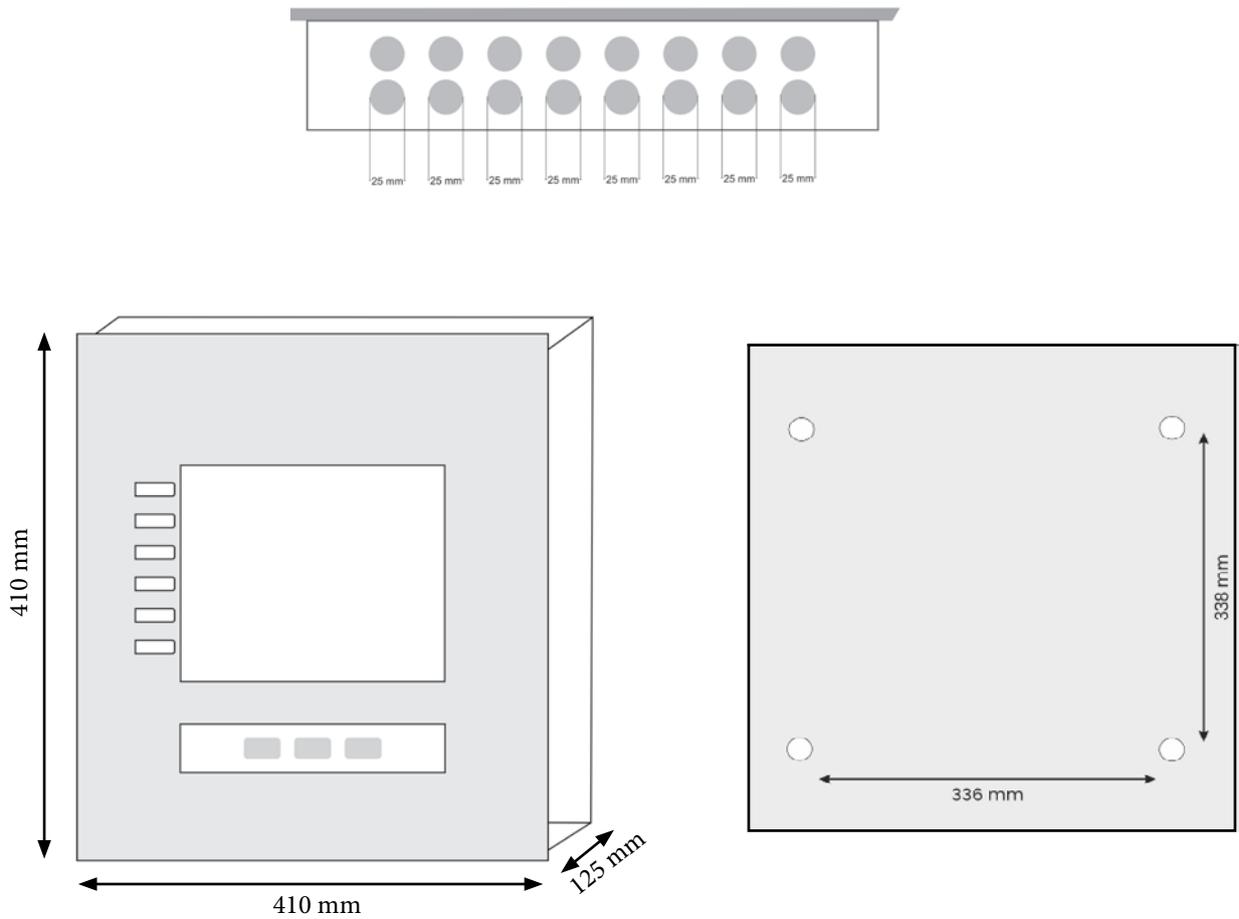|	
Cabling Type	Class B
Wire Size	Twisted sheilded cable (RS-485 standerd cable)
Wire Length	up to 1200m. (Max. in ideal Condition)

Limited Warranty

ASES warranty that the product will be free of charge for repairing or replacing from defects in design, materials and workmanship during the warranty period. This warranty does not cover any product that is found to have been improperly installed or used in any way not in accordance with the instructions supplied with the product. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty. Please contact your local distributor for products not covered by this warranty.

RS-485 Communication

Intelligent
Addressable FAS

Repeater panel

CAN BUS, 250kbps

CAN BUS, 250kbps

CAN BUS, 250kbps

CAN BUS, 250kbps

Up to 64 Panel

Note : For Peer to Peer Networking, Netwok card will be required each Panel and Repeater panel.

Mechanical Description :

Connection Diagram :

4 WIRE CONNECTION

CONTROL PANEL					REPEATER PANEL			
A	B	24V dc	GND		A	B	24V dc	GND