

IM-EDGE-1

Imperia Edge Server



General Description

Imperia Edge Server is designed to monitor & control the DynamicPro Wired DALI Emergency Lighting Systems using Web Browser on Single or Multiple devices in a building

Edge Server is a Fanless Embedded Industrial Computer Server with special DynamicPro Server software pre-installed in it.

Edge Server shall be connected to Building LAN using Routers/Switches with a Static IP Address wherein it communicates with unlimited number of IM-6800 (Imperia Smart Emergency Touchscreen Master Panel)

A monitor connected to Edge server by VGA connection can access the information of IM-6800 panels or alternatively Independent Desktop / Laptop / iPad/ Computer can be used to access details using standard Web Browser like Edge, Chrome, Firefox or Safari

The software features a right GUI where Multiple buildings can be created & multiple IM-6800 units can be placed in each building along with details of Emergency Lighting Fixtures i.e. Emergency Lights or Signages.

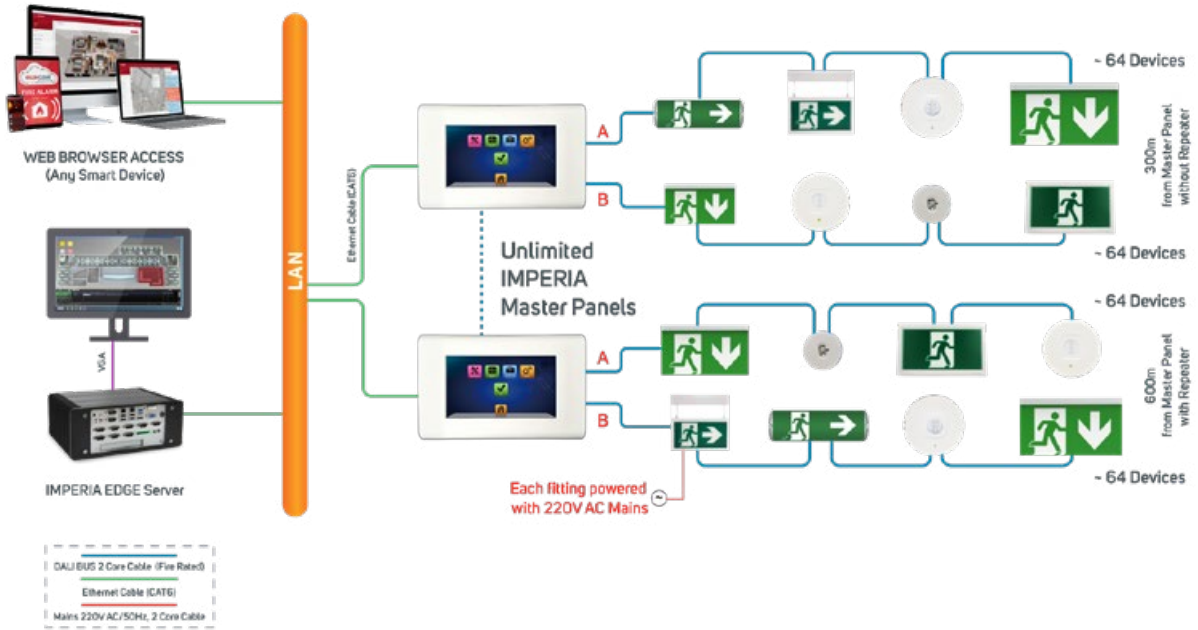
It monitors & displays the details faults like DALI Open, DALI Short, Battery Fault, Mains Fault, etc. with pinpoint fault location on GUI (Graphical User Interface)

The App in the Imperia Edge server supports import of Floor plans, Layouts & premises Maps in JPEG or BMP formats to make a interesting, user friendly user interface. Ability of the Edge server to share data with Web Browser interface makes it accessible to use from multiple locations in buildings, not necessary that the information is available only at central location but also at different control rooms/ reception desks or Security cabins in building premises.

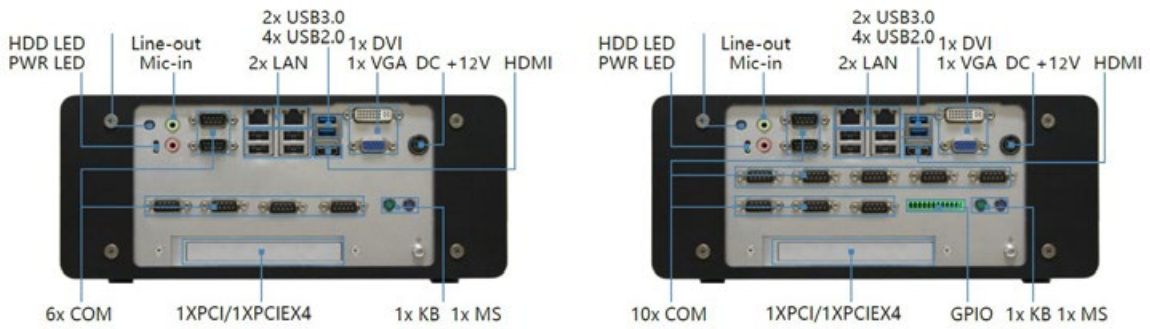
Main Features

- Fanless Industrial Grade Embedded Server
- Plug & Play & easy to configure
- Windows 10 OS
- Desktop or Wall Mounted
- Native / Local Server that stays in Premises of Building
- Configuration via PC/Laptop
- Unlimited IM-6800 Touch panels can be monitored
- Onboard 4G (optional 2G) DDR3 memory, 1*udimm3 memory socket
- 1*VGA, 1*DVI, 1*HDMI
- 2*LAN, 2*USB3.0, 4*USB2.0, 2-10*COM
- 2*Mini-PCIe

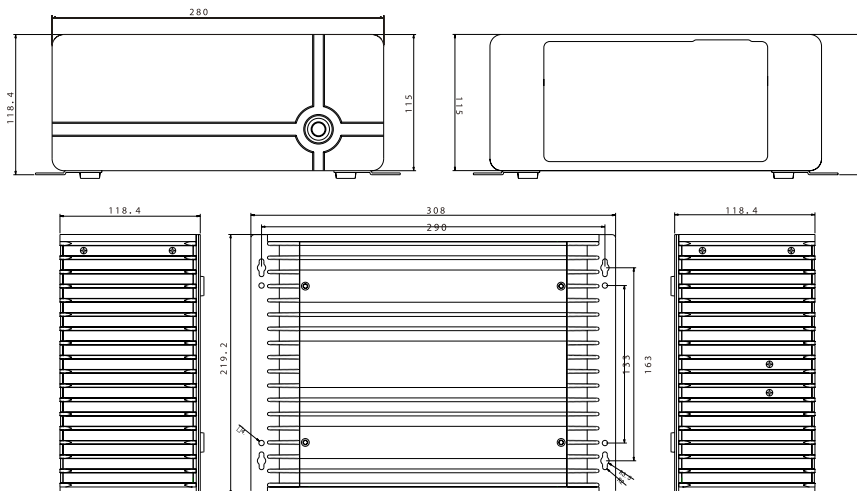
CONNECTION DIAGRAM



PORTS



DIMENSIONS



TECHNICAL SPECIFICATION

CPU	Supports Intel generation 4 i3/i5/i7 lga1150 processors
CHIPSET	H81/Z87/Q87
GRAPHIC CONTROL	CPU integration
MEMORY	1* on board 4G (optional 2G) DDR3 memory 1*dimm memory socket, up to 12gb
STORAGE	1*Mini PCIe SSD,1*SATA 2.5 HDD
DISPLAY INTERFACE	1*VGA,1*DVI,1*HDMI
NETWORK	2*LAN,Intel I211,10/100/1000Mbps RJ45
USB INTERFACE	4*USB2.0,2*USB3.0
AUDIO FREQUENCY	1*Mic-in,1*Line-out
COM PORT	2-10*COM
I/O PORT	2*Mini-PCIe,1*PS/2,8*GPIO
WATCHDOG	support
BIOS	AMI UEFI BIOS
SYSTEM	Windows 10, Linux
POWER SUPPLY	DC 12V 10A
TEMPERATURE AND HUMIDITY	Operating temperature: -20 C ~ 60 C Storage temperature: -40 C ~ 85C, 5% ~ 95% relative humidity, non condensing
SIZE	280mm x 219.2mm x 115mm(W x D x H)
COLOUR	black
BOARD MODEL	BPC-7951
HEAT DISSIPATION MODE	passive
INSTALLATION METHOD	Desktop / wall mounted

ORDER CODE

Part number	Description
IM-EDGE-1	Imperia Edge Server, 1 units, Fanless Server, Dynamic Pro Server Software Installed, Monitor not included