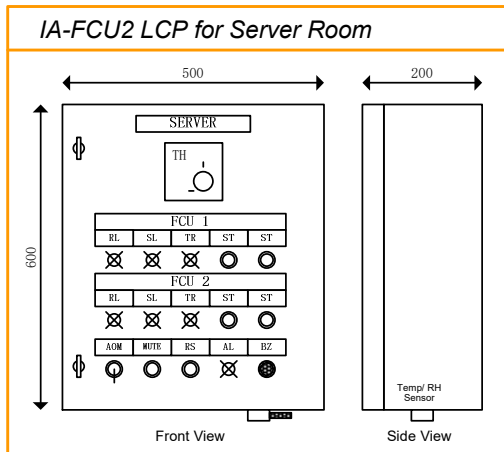


Local Control Panel for Server Room Air Conditioning



IA-FCU2 Local Control Panel for Server Room

Server room houses Servers of various equipment, such as ICT, Telecom, UPS and Electrical equipment. It is essential to have air conditioning for the Server Room to ensure 24/7 operations. The heart of the air conditioning system is the Electrical Local Control Panel (LCP). The IA-FCU2 LCP is designed with 24-hour supervisory capabilities to ensure reliable 24/7 operations of the Server Room air conditioning. Equipped with IP-Alert Web Server, users can access the system anytime and anywhere using mobile phone.



General Descriptions

- IP55 Enclosure. Incoming MCB and Control Fuse
- AOM Model Selector. Local Start/ Stop buttons. LED Indicating Lamps for Run/ Stop/ Trip/ High Temperature Status
- Fail-Safe design with 12 Hours Duty-Standby operation of air conditioning units
- Front-mounted High Temperature Thermostat
- Integrated Digital Temperature/ RH sensor
- Automatic start of Standby unit in event of Duty unit trip or room high temperature status
- Buzzer with mute and reset buttons
- Interlock with Fire Alarm/ FM2000
- IP-Alert Web Server with Wifi b/g/n to Office Router

Models

Models	Price (SIN \$) Inclusive GST
IA-FCU2 (1 Duty + 1 Standby Configuration) Complimentary Setup of Email and Web Servers (^^Standard Features) • Webpage for display • Automatic email alerts for alarms • Data Logging for Event Logs, Temperature and RH recording • Remote monitoring and control	1,386.60
Site Installation Works (Subject to site survey)	TBA

Price is for supply of the Local Control Panel Only
Does not include the supply and installation of FCU air conditioning units
Does not include the Supply of Router and Data Subscriptions
Promotional Price is Subject to change without notice

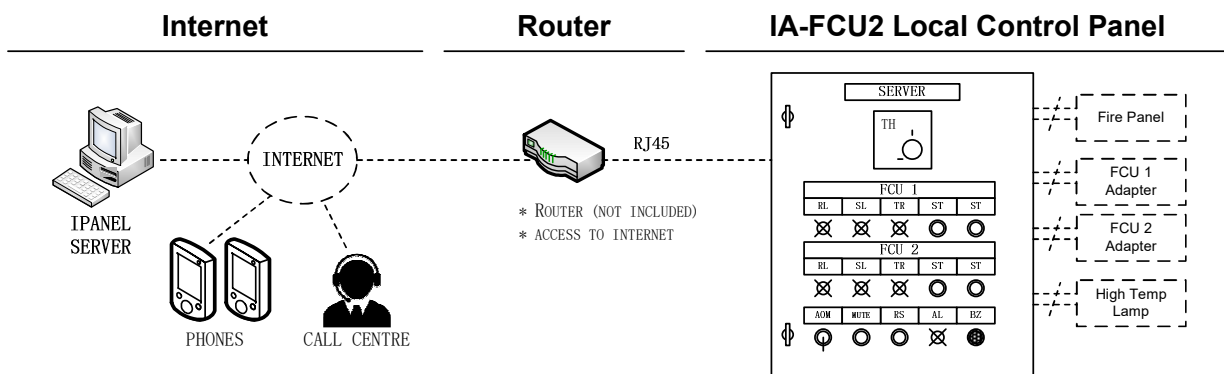
Air Conditioning Units

The IA-FCU2 Local Control Panel is generic design and can use with many FCU models. Tested applicable FCU models with Adapter Card (not included) are as follows:-

- ❖ Daikin KRP4AA5* (Volt-Free)
- ❖ Daikin KRP413A* (Transistor)
- ❖ Mitsubishi CN51/ CN32 (Voltage)
- ❖ Fujitsu AS*18/ A25/ A30 JC CN14/ CN16 (Voltage)
- ❖ Toshiba TCB-IFCB-4E2 (Voltage)

Features

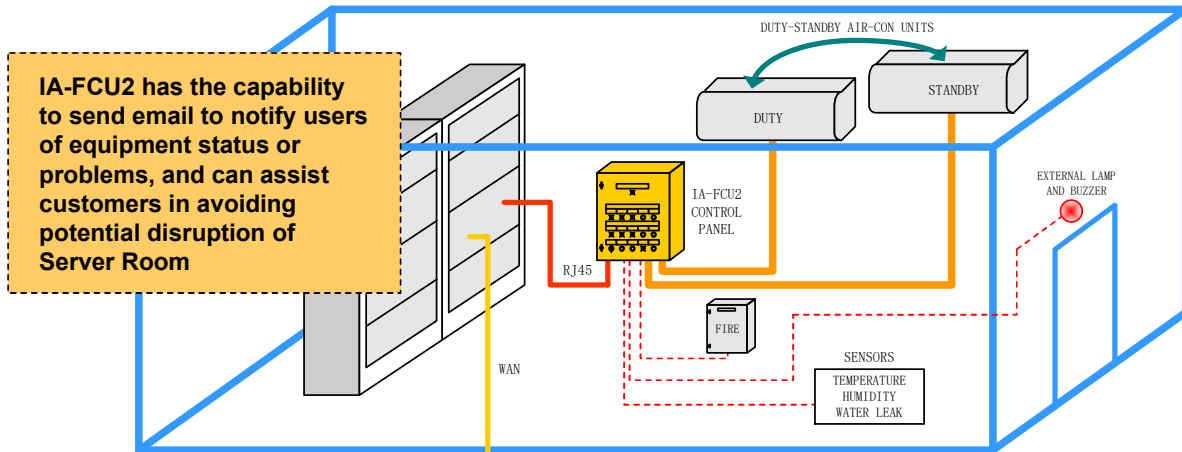
- Webpage for displaying
- Automatic email alerts on Alarm conditions (eg. Trip, High Temperature/ Humidity, Fire Alarm)
- Remote monitoring using mobile phone — Request for status, event logs and temperature/ humidity recordings. Remote control of air conditioning units



IA-FCU2 LCP Server Room Air Conditioning

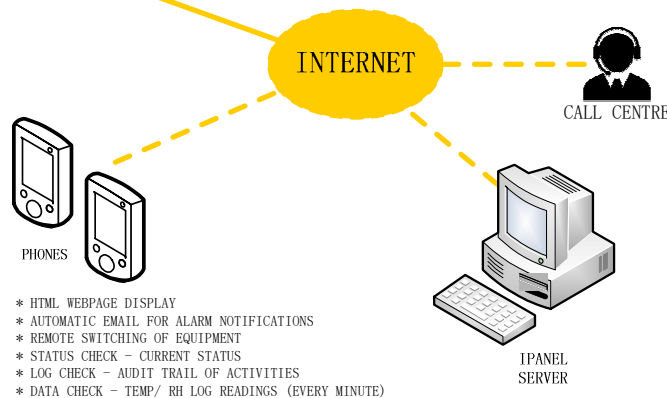
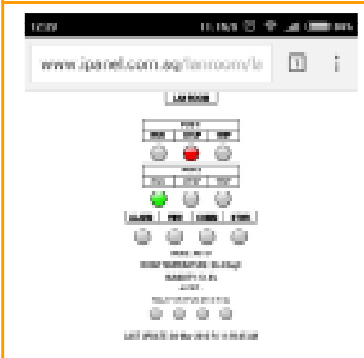


IA-FCU2 Local Control Panel is design to provide reliable 24/7 Duty-Standby Air-conditioning for Server Room. Connected to the office Router, it has the capability to send email to notify users of the air conditioning equipment status or problems, and can assist customer in avoiding potential disruption of Server Room.



IA-FCU2 has the capability to send email to notify users of equipment status or problems, and can assist customers in avoiding potential disruption of Server Room

Remote Monitoring From Mobile Phone



FAQ

Q - How is IA-FCU2 connects to Internet and does it require a fixed IP address? IA-FCU2 connects to the existing Office Router via RJ45 10/100 Mbps port or Optional Wifi connection. Does not require a fixed IP address.

Q - How to monitor Server Room status? From Webpage. Or, by sending an Email Status request and return reply will provide summary of the Server Room status

Q - How is the Server Room Webpage updated? The Webpage is updated periodically. Or, as and when there is any change of status in the Server Room.

Q - Would the Server Room air conditioning shuts down, should IA-FCU2 Controller fails? No. The IA-FCU2 LCP is wired for fail-safe operations.

Q - Is there Event Log for history of alarms and commands? Yes, you can download the event log by sending an Email Log request and reply will provide summary of events.

Q - How to download Temperature/ RH readings? By sending Data request email and reply will provide summary of temperature/ RH records.

Q - Can IA-FCU2 integrate with Other systems? Yes, spare I/O points that can be configure and integrate with other systems (such as motion sensor, water leak sensor, door contact, UPS system) and to send email alert when there is an alarm.

Q - What is recommended Email/ Browser for mobile phone? Tested with Android Gmail and Firefox apps.