

fusion Input Output Module – IOM

- *IP Enabled Rack Mount Modular Input Output Controller*

The Input Output Module – IOM, is a state of the art, IP enabled, rack mounted Input Output Module used with the Fusion suite of products. The Input Output Module - IOM is used where installations are suited for structured cabling installations. It can also be wall mounted to make installation requirements easier where consolidated cabling installations are separated from the communications room/rack cabinets. Being IP based, the IOM just requires power and ethernet to get input signals back to the Fusion Headend, allowing it to be installed virtually anywhere. Watchdog alerts make sure that the IOMs are reporting in on a frequent basis. The IOM can accommodate 48 inputs and 48 reassurance outputs. All input cables are terminated in 568A standard and the IOM has RJ45 sockets on the rear to accommodate for these cables, making cable management easy. Each input port has distinct CALL, CALL-UPGRADE, CANCEL and REASSURANCE light capability. The front of the IOM has two RJ45 sockets for Ethernet and RS232 with a pluggable 2 pin connector for Local Call Indication when the network connection is lost or a fault is detected. Power and Data indicator lights are provided for peace of mind and ease of maintenance. The IOM has very low power consumption, so when it comes to calculating the load on a system, smaller power supplies can be used with a Fusion system. IOMs can work on voltages from 12 to 24VDC. More great features of the Input Output Module – IOM, is the ability to have “Two Press Upgrade”, “Three Press Upgrade”, “Long Press Upgrade”, “Dual Press” and “Latching Call Station” enhancements for inputs, allowing for a large range of call points that can accommodate normal functionality as well as special requirements. The Reassurance Outputs are set to Steady for CALL and Flashing for CALL-UPGRADE, accommodating for all types of call point priorities and special output functionality requirements.

System Features

- 1x Ethernet Port. [RJ45 Socket]
- 1x RS232 Port. [RJ45 Socket]
- 64000x IOMs Per Fusion IP Gateway.
- 48x Inputs | 48x Outputs. [via RJ45 Sockets]
- 1x Pluggable 2 Pin Connector. Relay Output for local CALL indication for TCP/IP disconnection/comms fail.
- Simple and Easy to terminate, program and manage.
- Flashing and Steady Reassurance Outputs.
- Power : 12 to 24VDC. Rear Screw Terminals.
- IP Connection back to Fusion Headend.
- Integrates with Nurse Call, Security, CCTV, access control, BMS, Automation and more...

System Options

- Messaging / Paging / Acknowledgement / Reminders
- RFID call/reset facility with user ID
- Call Logging and Reporting facility
- Push Notification / SMS to mobile phone
- Message to on/off site pagers/DECT/VoIP
- Wireless call/duress pendant tags
- LED Running type displays

System Solutions

- Mimic Panels
- Aged Care Homes
- Independent Living Units
- Nurse Call System addon Enhancements
- Fire Interface Panel addon Enhancements
- Remote Alarm Activation/Acknowledgement for monitoring centres
- Schools / Universities / Colleges
- Police Stations
- Medical Clinics
- Hospital / Rehabilitation / Acute Care
- Detached Farming, Office, Warehouse, Building connections.

Description	[Part Numbers]
IOM [Input Output Module]	[50-6250]

Please contact PACTechnika for more information.

