PACTechnika

Input Integration Module (IIM)
– Universal Input Expander

The Input Integration Module (IIM) is an universal input module designed to accept voltage inputs from various products. The IIM is used with the Event Management Controller and can be daisy chained to increase the number of inputs on a system. The unit also has four outputs that can be used to drive small or large currents. High fault tolerance and protection have been at the forefront of the design and the small footprint of the board makes it an easy choice for installers and integrators alike. The board has been extremely well designed and can fit behind a wall plate and is roughly the size of a matchbox.

System Features

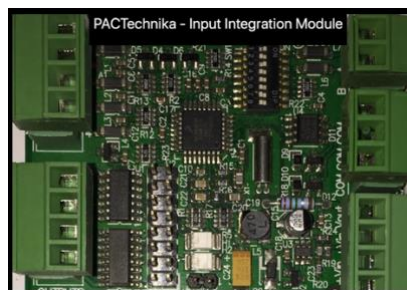|	
Processors	x1
Slaves Addressing	x32
12/24VDC Power Loop Terminals	x4
Serial I/O Channels	x1
Inputs (onboard)	x24
Outputs (onboard)	x4
8 Way DIP Switch	x1
Polling Protection / Indication	x1
Expandable Low Level Inputs	x768

System Solutions

- Nurse Call Systems
- Fire Interface Panel Integration
- Building Management System Integration
- Sick Bay Kits
- Toilet Bay Kits
- Low Level Integrations
- Security System Integrations
- Access Control System Integrations
- CCTV System Integration
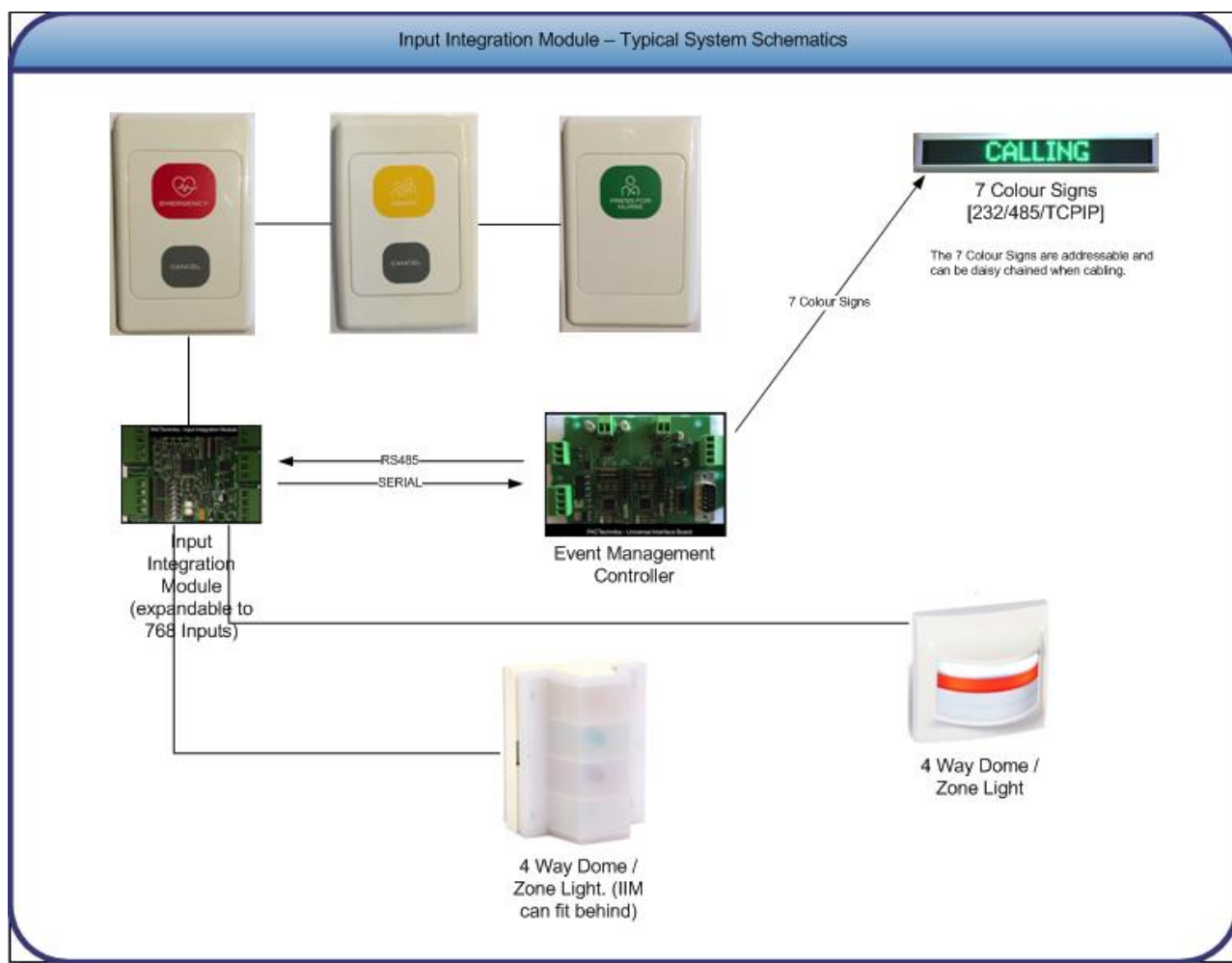- Smart Relay Operation

Gateways (Compatibility)

- EMC Lite
- EMC Pro

Please contact PACTechnika for more information.

Schematic and Part Numbers on next page...

PACTechnika - Input Integration Module

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– Universal Input Expander

Typical System Diagram

Input Integration Module – Typical System Schematics

CALLING
7 Colour Signs
[232/485/TCPIP]

The 7 Colour Signs are addressable and can be daisy chained when cabling.

7 Colour Signs

RS485
SERIAL

Input Integration Module (expandable to 768 Inputs)

Event Management Controller

4 Way Dome / Zone Light

4 Way Dome / Zone Light. (IIM can fit behind)

Description [Part Numbers]

Middleware - Event Management Controller EMC [30-4003]
Middleware - Input Integration Module – 24 Input [30-4004]
Gateway – Input Integration Module [30-5001]
Gateway – TAP/PET [30-5002]
Gateway – Signs [30-5003]
Gateway – POCSAG Pager Interface [30-5004]
Gateway – Smart Phone SMS [30-5005]
Gateway – WhiteBoard / LED / LCD [30-5006]
Gateway – DECT [30-5007]
Gateway – Nurse Call (Sedco, CarePlus, Austco) [30-5008]
Gateway – Fire Indicator Panel [30-5009]
Gateway – Access Control (Challenger 8/10) [30-5010]

Gateway – Reporting [30-5011]
Gateway – EMC Plus (Duress/Emergency Allocator) [30-5012]