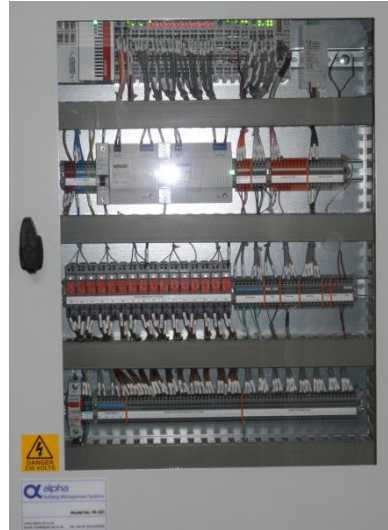


## Hyperion HC001



### Description

Alpha Air has developed a comprehensive building management system, capable of controlling and monitoring all aspects of your building, using latest technologies, constructed with high quality components.

This system is highly efficient, compact and able to interface with many other protocols - KNX, Modbus, M-Bus, Dali & BACnet.

Operation of the Alpha Air system is simple, straightforward and direct: allowing you the freedom to manage all building services remotely, from any location - whilst offering you the ultimate in flexibility, to add a virtually infinite number of additional devices or further locations onto the system.

### Features & Options

- Alarm Monitoring
- BACnet/Trend Interface
- Daikin A/C Interface
- DALI
- Drag & Drop Commissioning
- Easily Expandable
- EnOcean
- Electricity Gas Water
- Energy Monitoring
- Emergency Light Testing
- HVAC
- iPad/iPhone Touch Panel Interfaces
- KNX Interface
- Leak Detection
- Lighting Control
- Mitsubishi A/C Interface
- Shutter/Blind & Shading Control
- Stylish Switches
- Simple Wiring
- Simple Head End
- Toshiba A/C Interface

## General Information

### Hyperion HC001

#### Description

Dimensions H x W x D	800mm x 600mm x 200mm
Power Supply	230VAC
Fuse Breaker Size	10amp Type B
Network Connection	RJ45
Digital Inputs	16
Analogue Inputs	16
Modbus	1
M Bus	1
Pulse Inputs	4 (24VDC)
Boiler Interface	TBC

### Hyperion GB001

#### Description

Dimensions H x W x D	800mm x 600mm x 200mm
Power Supply	230VAC
Fuse Breaker Size	10amp Type B
Network Connection	RJ45
Digital Inputs	16
Dali	5 Channels x (64 fittings / 16 Groups) 250mA per channel
Analogue Inputs	16
EnOcean	1
Modbus	1
M Bus	1
Pulse Inputs	4
Boiler	TBC
CoolMasterNet Modbus	Daikin / Mitsubishi / Toshiba

## CPU/Software Information

	Electrical		Software
Panel Processor	Processor Intel® Atom™ E3827, 1.75 GHz, 2 cores (TC3: 40)	PLC Software	TwinCAT 2 PLC runtime or TwinCAT 2 NC PTP runtime
Flash memory	Slot for CFast card (card not included), slot for microSD card	Head End	Visual Studio 2013
Internal main memory	4 GB DDR3 RAM (not expandable)		
Persistent memory	integrated 1-second UPS (1 MB on CFast card)		
Interfaces	2 x RJ45, 10/100/1000 Mbit/s, DVI-I, 4 x USB 2.0, 1 x optional interface		
Diagnostics LED	1 x power, 1 x TC status, 1 x flash access, 2 x bus status		
Operating System	Microsoft Windows Embedded Standard 7 P		