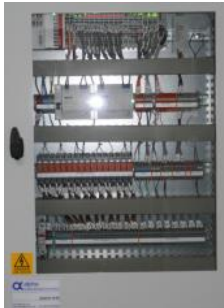


Hyperion BEMS Control Panels

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/Ipone 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

Trade Price	£11,000	£16,000
Model Type	Hyperion HC001	Hyperion GB001

Technical

	800mm x 600mm x 200mm	800mm x 600mm x 200mm
Dimensions H x W x D	800mm x 600mm x 200mm	800mm x 600mm x 200mm
Power Supply	230VAC	230VAC
Fuse Breaker Size	10amp Type B	10amp Type B
Network Connection	RJ45	RJ45
I/O Interfaces		
Digital Inputs	16	16
DALI	-	64 fittings / 16 Groups) 120mA per channel
Analogue Inputs	8	8
Analogue Outputs	-	-
EnOcean	-	1 (up to 50 Devices)
Modbus	Single Device	Single Device
Modbus - Multi	-	1
M Bus	-	1
Pulse Inputs	4	4
Boiler	POA	POA
CoolMasterNet Interface	-	Daikin / Mitsubishi / Toshiba
KNX Interface	-	KNX

Beckhoff Fast 1/0 Analogue Input/Output Terminal

BMS

Trade Price	£436	£444	£488
Description	ALP002	ALP004	ALP003

Technical

Terminal	8 channel analogue Input Terminal	8 channel analogue Output Terminal	4-channel input terminal PT100 (RTD)
Description	Analogue input terminal processes signals between -10V and +10V.	Analogue output terminal generates a signal in the range of 0 and 10V.	"Allows 4No resistance sensors to be connected directly. Resolution 0.1C.
LED Status	Individual Run LEDs for each input	Run LEDs for each output.	Sensor types: PT100, PT200, PT500, PT1000, Ni100, Ni120, "

Beckhoff Fast 1/0 Digital	£183	£103	£153
Description	ALP001	ALP005	ALP006

Technical

Terminal	16 digital output channels, 24 VDC	2 Digital switch	Counter Up/Down Meter
Description	Compact 16 channel output slice. Flat ribbon cable connection.	2 channel break-in alarm for break-in sensors with the aid of a current loop.	2 channel up/down counter, 24Vdc, 1kHz.
LED Status	Individual signal LED indicators		For simple counting tasks, e.g. flow meters.

Alpha Air Distribution Call 01293 690000
www.alpha-air.co.uk or www.alphabms.com sales@alpha-air.co.uk

Beckhoff Digital Input/Output Terminals

BMS

Trade Price	£172	£93	£183
Description	ALP007	ALP008	ALP009

Technical

Terminal	16-channel input terminals 24 V DC Ribbon	4-channel output terminals 24 V DC	16-channel output terminals 24 V DC Flat
Description	Compact 16 channel input slice. Flat ribbon cable connection.	4 channel digital output giving electrical isolation	Compact 16 channel output slice. Flat ribbon cable connection.
LED Status	Individual signal LED indicators	With protection against overload and short-circuit.	Individual signal LED indicators.

Analogue Input I/O

	£300	£439	£474	£447	£444
Description	APL010	APL011	APL012	APL013	APL014

Technical

Analogue Input Quantity	1	2	4	4	8
Description	Analogue input terminal processes signals between 0V and +10V.	Analogue input terminal processes signals between 0V and +10V	Analogue input terminal processes signals between 4mA and 20mA	Analogue input terminal processes signals between 0V and +10V.	Analogue input terminal processes signals between -10V and +10V.
LED Status	Run LEDs for each input showing data exchange with bus coupler	Run LEDs for each input showing data exchange with bus coupler	Fault LEDs for each input showing overload or broken wire	Run LEDs for each input showing data exchange with bus coupler	Run LEDs for each input showing data exchange with bus coupler

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EnOcean Beckhoff

BMS

	£488	£409
Description	ALP017	ALP018

Technical

EnOcean	Master Terminal	Transmitter/Receiver
Control	Links transmitter and receiver modules for bidirectional EnOcean technology devices.	Transmitter and receiver's antenna, 300m free field, 30m in buildings.

DALI

	£544
Description	ALP020

Technical

Control Type	Dali
Description	DALI terminal allowing direct connection of up to 64 DALI slaves.

Modbus

BMS

£416	
Description	ALP016

Technical

Modbus	RS422/RS485
	RS422/RS485 device interface in either full or half duplex.

TwinCat Licenses Beckhoff

	£450	£184	£429	£435
Description	APL021	APL022	APL023	APL024

Technical

TwinCAT	XML Data Server, quantity scale 1-4	PLC Modbus RTU, quantity scale 1-4	TCP/IP Server, quantity scale 1-4	FTP Client, quantity scale 1-4
	Allows direct access to an XML file from the PLC.	Modbus RTU software library for Modbus RTU communication via serial RS232, RS422 or RS485.	Enables the implementation and realization of one or several TCP/IP servers and/or clients	Enables access to several FTP servers in a simple manner
	Read or write is possible		Built in blocks allows exchange of data (send and receive)	Upload and download possible

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