



Burner Management

Integrated Burner Control
& Safety Solution

SAFETY
NONSTOP



Cost Effective Flexible Burner Solutions

Flexible AS 3814 Approved Solutions: When Basic AGA Devices Won't Do The Job

HIMA Australia's Integrated Burner Control and Safety system (IBCS) is a pre-engineered, off the shelf solution suitable for existing plant upgrades or new equipment installations.

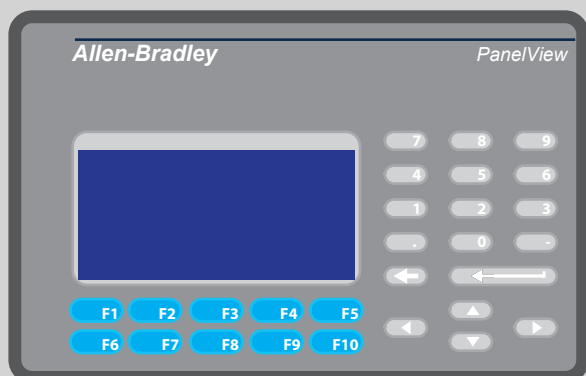
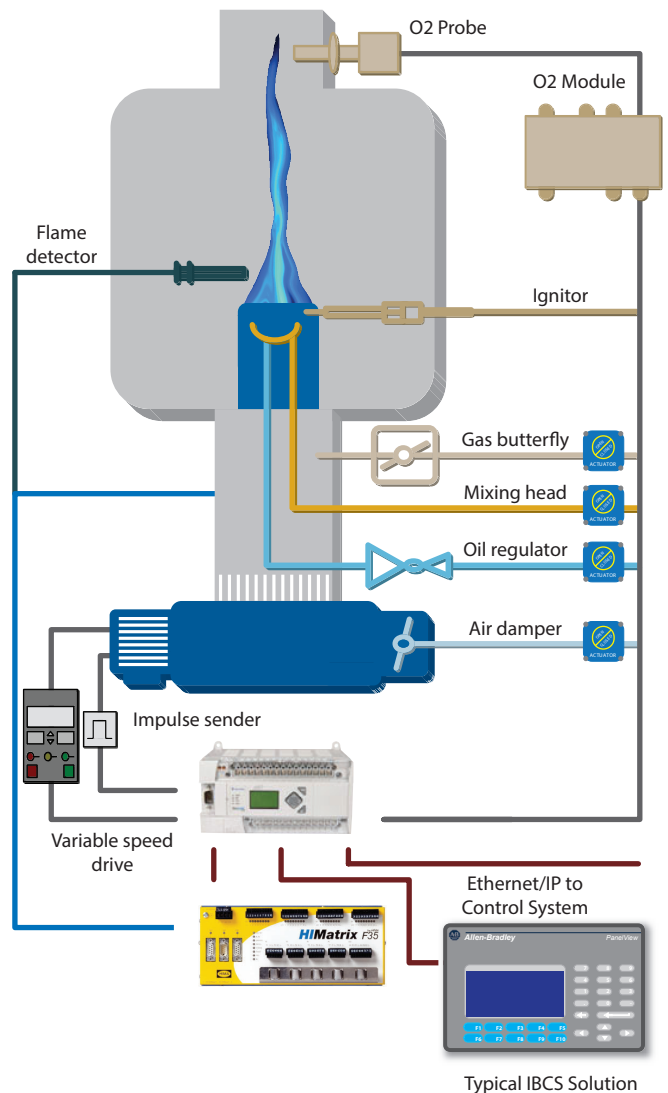
The beauty of the IBCS is that while it is largely pre-engineered to provide maximum cost savings and minimise delivery times, there is scalable and modular flexibility built in to cater for any type of application and quantity of I/O.

The flexibility of the solution means that it is simple to engineer a fully compliant AS 3814, NFPA 85, NFPA 86 and AS 61511 project.

This solution takes the complication out of engineering flexible, standards compliant single gas burner or multi fuel burner applications.

The HIMA Australia IBCS delivers state of the art technology while providing nonstop safety and reliability as well as peace of mind at cost effective prices.

Programmable AGA certified devices do not bypass the requirements of AS 3814 in isolation. Where it is possible for safety logic to be altered, the device and the project are required to be engineered in accordance with AS 3814 and therefore AS 61511.



User Friendly Diagnostics and Configuration

Access to diagnostics information and the ability to make future modifications is achieved via the integrated visualisation screen. The industry standard Allen-Bradley Panelview provides a simple, user friendly engineering and operator interface.

Choose from a library of pre-designed user interface screens that can be easily adapted to suit each application providing savings in engineering hours and shortening project delivery. Built-in terminal software also means that there is no need to install software on separate workstations and access to the Panelview is quick and simple using a standard internet web browser.

Making Life Easy

The IBCS comes delivered as a turnkey solution, fully engineered, tested, documented and installed in accordance with AS 3814, NFPA 85, NFPA 86 and AS 61511. HIMA takes care of the site testing, commissioning and mechanical installation work and will support the system throughout the operations phase if required.

As a turnkey solution, the IBCS comes installed in its own standard enclosure complete with HMI panel. Additional standard options include fault status lamps and buttons, keyed override switches and power supplies.

Application specific field instrumentation design, selection, installation and testing is also included in this turnkey package making this one of the simplest, pre-engineered, cost effective solutions on the market today.

Pre-Tested Logic

At the heart of the HIMA IBCS are our pre-certified or tested burner function blocks. Our comprehensive library of function blocks makes programming and engineering times much shorter and reduces overall project costs.

Using customer process functional specifications, we also deliver system functional descriptions and specifications, P&IDs, I/O tables and logic flow charts.

The IBCS solution also comes with a complete set of standards compliant documentation that includes mechanical, wiring, power and general arrangement drawings and operator manuals.



Specialist Knowledge

An important aspect of the HIMA IBCS solution is the inclusion of Australia's leading combustion engineering company, Gasco Pty Ltd. HIMA Australia and Gasco combine their decades of burner control, safety expertise and system supply to provide a complete single source solution. Visit Gasco at: www.gasco.net.au

IBCS Specifications

Power Consumption	227W
Digital Inputs	Scalable, 24 safety-related, 16 non-safety
Analogue Inputs	Scalable, 8 safety-related, 8 non-safety
Counter Inputs	2 safety-related
Digital Outputs	Scalable, 8 safety-related, 16 non-safety
Analogue Outputs	Scalable, 8 non-safety
Dimensions	700h, 600w, 200d
Weight	25kg
Temperature	0-60 C operating
Area Classification	Zone 2

Based on a typical HIMatrix F35 and Allen Bradley Micrologix system configuration.

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Head Office

Perth

Level 3, 533 Hay Street | Perth | WA 6000 Australia

Phone: 1300 446 228 | Fax: +61 (0) 8 9323 2192

Email: info@hima.com.au | www.hima.com.au

Melbourne

Unit 25, 3 Westside Avenue | Port Melbourne | VIC 3207 Australia

Phone: 1300 446 228 | Fax: +61 (0) 8 9323 2192

Email: info@hima.com.au | www.hima.com.au

Brisbane

Unit 19, 35 Paringa Road | Murarrie | QLD 4172 Australia

Phone: 1300 446 228 | Fax: +61 (0) 8 9323 2192

Email: info@hima.com.au | www.hima.com.au



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