

4H Module

C300142



Product description

The 4 HBUS module clips into the Controller 6000 and provides:

- Supports star / home-run wiring of HBUS T Series readers and devices to the Controller 6000
- 4 HBUS connections
- 12 input connections
- 4 output connections
- A jumper with polyfuse for each relay, and
- A power supply common for all 4 outputs

Product details

Compatible with Command Centre v7.05 or later.

HBUS Modules

Gallagher 8H and 4H modules support star wiring of secure high-speed HBUS devices including T Series Readers and the F22 Fence Controller to a secure Gallagher Cabinet. Star wiring HBUS devices to a controller cabinet removes the risk of one faulty connection taking down multiple devices, and enables easier fault isolation. I/O connectivity is also provided for door and equipment monitoring. Gallagher HBUS Modules are:

- 8H Module provides 8 HBUS ports, 24 balanced inputs and 8 relay outputs
- 4H Module provides 4 HBUS ports, 12 balanced inputs and 4 relay outputs.

HBUS I/O Devices

Gallagher HBUS I/O Devices provide flexible, cost effective and secure input and output expansion options, and shared cabling with other HBUS devices.

The Gallagher 8 In 2 Out Door Module:

- Connects reader or terminal devices up to 400m (1312ft.) away allowing HBUS communications to be branched or 'T' Wired from HBUS cabling connected to the Controller 6000
- Provides isolation between its upstream and downstream HBUS runs protecting other HBUS Devices connected to the same controller HBUS port
- Provides connections for Gallagher's T Series Reader range.

The Gallagher HBUS 4 In 2 Out Door Module - Wiegand provides connection for two Wiegand readers, 4 balanced inputs and 2 relay outputs.

The Gallagher HBUS I/O Board are:

- 16 In 16 Out Board
- 8 In 4 Out Board
- 8 In Board.

Monitoring inputs may be used for monitoring:

- Access controlled doors
- Passive Infrared detectors (PIRs)
- Uncontrolled doors
- Equipment alarms
- Any other devices that provide a clean contact.

Activating outputs - relays may be used as:

- Door control
- Alarm output for example activating sirens
- Logic activated output for example switching air conditioning on and off
- Time activated output for example switching lighting on and off.

Product Specification

Inputs	12	Outputs	4
Voltage	13.6 v DC $\pm$ 15%	Current via Gallagher Controller 6000	40 mA

Current via HBUS Module Power in No Relays	30 mA	Current via HBUS Module Power in 4 Relays	175 mA
Current via HBUS Module Power in 8 Relays	315 mA	Minimum Requirements	Gallagher Command Centre v7.05 or Later
Operating Temperature	-10 to + 70 °C	Humidity	95% Noncondensing
Standards Compliance	FCC, CE, RCM, RoHS Compliance and certification information is available on our support site or by contacting Gallagher		

GALLAGHER WORLD HEADQUARTERS

Kahikatea Drive, Hamilton 3206
Private Bag 3026, Hamilton 3240
New Zealand

TEL: +64 7 838 9800
EMAIL: security@gallagher.com



REGIONAL OFFICES

New Zealand.....	+64 7 838 9800
Americas.....	+1 877 560 6308
Asia	+852 3468 5175
Australia	+61 3 9308 7722
India	+91 98 458 92920
Middle East.....	+971 4 5665834
South Africa	+27 11 974 4740
United Kingdom / Europe.....	+44 2476 64 1234

DISCLAIMER: This document gives certain information about products and/or services provided by Gallagher Group Limited or its related companies (referred to as "Gallagher Group"). The information is indicative only and is subject to change without notice meaning it may be out of date at any given time. Although every commercially reasonable effort has been taken to ensure the quality and accuracy of the information, Gallagher Group makes no representation as to its accuracy or completeness and it should not be relied on as such. To the extent permitted by law, all express or implied, or other representations or warranties in relation to the information are expressly excluded. Neither Gallagher Group nor any of its directors, employees or other representatives shall be responsible for any loss that you may incur, either directly or indirectly, arising from any use or decisions based on the information provided. Except where stated otherwise, the information is subject to copyright owned by Gallagher Group and you may not sell it without permission. Gallagher Group is the owner of all trademarks reproduced in this information. All trademarks which are not the property of Gallagher Group, are acknowledged. Copyright © Gallagher Group Ltd. All rights reserved.

