

Gallagher Controller 6000 PoE + Kit

Gallagher provides a Power over Ethernet Plus (PoE+) Controller solution, to cater for site architectures leveraging distributed ethernet networks.

The Gallagher PoE + kit enables sites to power the Controller 6000 and in turn their doors access needs directly from a buildings Ethernet network

Key benefits:

The kit comes pre-wired allowing quick and easy installation;
It provides control of up to two doors including electric locks* within the parameters of the PoE+ standard, which is specified at 25.4 watts over a CAT5e network segment of up to 328ft (100m)

The Gallagher PoE + Kit includes:

Gallagher Controller 6000 (and single cabinet);
Gallagher GBUS Universal Reader Interface (either Cardax IV or Wiegand) and
PoE + Splitter

PoE+ Kit Options

C205900 - Gallagher Controller 6000 PoE + Kit - Cardax IV readers.
C205901 - Gallagher Controller 6000 PoE + Kit - Wiegand readers.

*Requires PoE IT network infrastructure



Technical Specifications - Gallagher Controller 6000 PoE + Kit

Door Equipment Capacity The PoE+ system allows a power maximum of 25.5 watts, which equates to a load of approximately 2 Amps at 13.6Vdc.
Total maximum allowable current - equipment & locks is 1500 mA. The capacity of the Gallagher Controller 6000 PoE+ Kit is as follows:

	Equipment	Current*	Current Available for Other Equipment
	PoE+ Controller with one Gallagher T10/11/12 Reader	500 mA	1000 mA
	PoE+ Controller with two Gallagher T10/11/12 Readers	550 mA	950 mA
	Electric Locks		500 mA (approx.)

Doors supported in PoE+ mode only 2

Controller 6000 functionality Refer to the Gallagher Controller 6000 datasheet for specifications

Network connectivity 10/100BaseT, RJ45

Power Source Equipment device specification# PoE+ (IEE802.3at), 25.5 watts

Maximum distance from PoE switch to Gallagher Controller 328ft (100m)

* Allowance has been made for in-rush current during Controller startup.

Equipment not provided

* Cable lengths stated are for data only. DC power cable must be of a gauge that provides a minimum of 12 volts DC at the reader terminals.

* Approximate length. Please refer to the reader manufacturer's specification.

Equipment Connectivity		Gallagher Reader version	Wiegand Reader version
Readers		2	2
Reader Data Cable*	4 core security cable or Cat5	600ft (200m)	450ft (150m)†
Inputs	4 state balanced inputs	8	4
Relay Outputs	Form A dry contact C/O contacts	2	2
Relay specification	3 Amps at 24vDC/AC (resistive load) 1 Amp at 24vDC/AC (inductive load)		
Shipping dimensions	11.5in x 11.5in x 4in		

GALLAGHER WORLD HEADQUARTERS

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

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

REGIONAL OFFICES

New Zealand..... +64 7 838 9800
Americas..... +1 888 430 0770
Asia +852 2910 7912
Australia +61 2 9412 4477
India +91 80 2661 1590
Middle East..... +9615 808728
South Africa +27 11 974 4740
United Kingdom / Europe..... +44 2476 64 1234

Disclaimer: System configuration, network capacities and the volume of system activity affect performance. Please contact Gallagher for advice. In accordance with the Gallagher policy of continuing development, design and specifications are subject to change without notice. Gallagher Group Limited is an ISO 9001:2008 Certified Supplier. Copyright © Gallagher Group Limited 2012. All rights reserved.

