Controller 6000 PoE + Kit

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

Features and 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

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Technical Specifications

Product numbers	
C205900	Gallagher Controller 6000 PoE + Kit – Cardax IV readers
C205901	Gallagher Controller 6000 PoE + Kit – Wiegand readers

Gallagher Controller 6000 PoE+ Kit		Gallagher Reader	Wiegand Reader
Product detail	Doors supported in PoE+ mode	2	2
	Readers provided	2	2
	4-state balanced inputs	8	4
	Relay Outputs (Form A dry contact C/O contacts)	2	2
	PoE+ system power maximum	25.5 watts, which equates to a load of approximately 2 Amps at 13.6Vdc.	
	Controller 6000 functionality	Refer to the Gallagher Controller 6000 datasheet for specifications	
	Power Source Equipment device specification#	PoE+ (IEE802.3at), 25.5 watts	
Power	Relay Specification	Resistive load	3 Amps at 24vDC/AC
		Inductive load	1 Amps at 24vDC/AC
	Current	Equipment & locks is 1500 mA. The capacity of the Controller 6000 PoE+ Kit is as follows:	
		PoE+ Controller with one T10/11/12 Reader	500mA (1000mA free)
		PoE+ Controller with two T10/11/12 Readers	550mA (950mA free)
		Electric locks	Approx 1000mA (approx 500mA free)
Minimum requirements	Software		
Communications	Transfer speed		
	Max distance Controller to PoE switch	100m (328ft)	
	Max distance to Gallagher Reader	183m (600ft)	
	Max distance to Gallagher Wiegand	137m (450ft)	
	Network connectivity	10/100BaseT, RJ45	
	Cable specification	Reader data - 4 core security cable or Cat5	
Shipping dimensions	Height x width x depth	292 x 292 x 102mm (11.5 x 11.5 x 4in)	
Additional notes	* 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.		

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