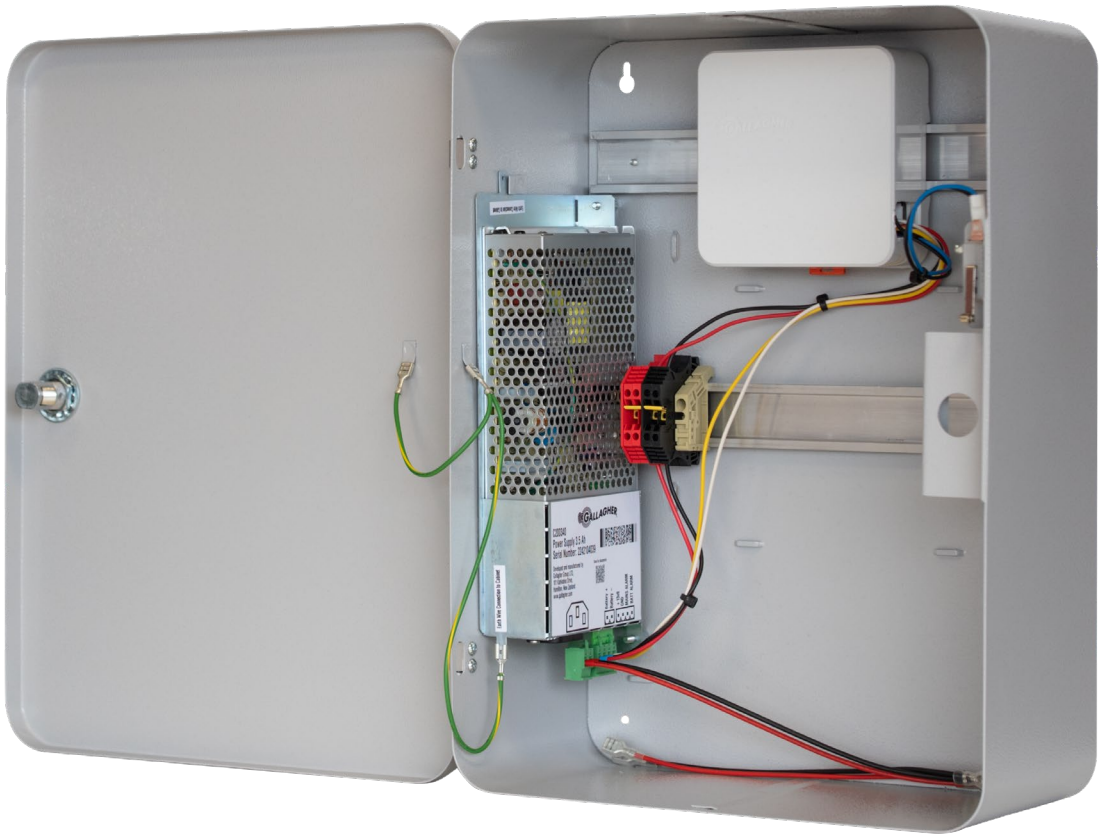


Controller 7000 Single Door Kit

The Controller 7000 Single Door Kits provide a powerful and cost-effective single door security system. Complete solution for single door access control with 3.5 Amp Power Supply.

Features and benefits:

- The kit comes in two variants; RS485 and Wiegand, giving you flexibility in your choice of equipment.
- The kits use a DIN rail mounting system, which provides a flexible and modular way to install security system components.
- The system is easily expandable, supporting up to three C7000 Single Door Controllers per cabinet, along with Gallagher I/O boards and modules using our DIN rail mounting adapters. New devices can be powered conveniently using the Terminal Block.
- The kit includes a slam lock with Dirak lock compatible with the Gallagher Master Key.
- The Controller 7000 Single Door is designed with a small cabinet that includes a micro tamper switch and room for two 12v backup batteries. This compact size makes it ideal for installations where space is limited.
- The preinstalled hardware and cabinet drill hole template minimizes installation time.

GALLAGHER Security

A Single Controller 7000 Single Door can provide support for:

- 6 inputs (1 input used for micro tamper switch)
- 1 relay output plus 1 transistor output
- 1 configurable RS485 port (HBUS by default)
- 1 x Door Access Control
- 2 million Cardholders
- Storage for 1 million offline events
- Up to 80 Gallagher HBUS devices
- 256 Alarm Zones
- 2000 Access Groups

Accessories

Accessory	Product Code
DIN Rail Adapter ¼- ½ Footprint	C400182
DIN Rail Adapter C7000 Single Door	C400181
Relay Board C7000 Single Door	C400910

Technical Specifications

Controller 7000 Single Door Kits		
Communications	Standard	10/100 BaseT Ethernet Port
	HBUS	1Mbit/s, 500m (1640ft)
	OSDP **	Max 115.2Kbit/s, dependent on cable type
	Aperio***	19.2Kbit/s, 1000m max
	TCP/IP protocol	256bit AES* symmetric encryption for Controller to Server and Inter-Controller communications
Relay specification	3 Amps at 24 Vdc/ac (resistive load) 1 Amp at 24 Vdc/ac (inductive load)	
Software compatibility	Command Centre V8.70.2078 MR3 (or later), Command Centre V8.80.1025 MR1 (or later) and Command Centre V8.90 (or later).	
Standards Compliance	RCM, UKCA, CE, RoHS. Compliance certification information is available on our support site or by contacting Gallagher.	
Operating Temperature	-10°C to +50°C (14°F to +122°F)	
Humidity	85% or 95% non-condensing	
Cabinet Dimensions	Height: 400 mm (15.7 in) Width: 300 mm (11.8 in) Depth: 133 mm (5.2 in)	

*** available from v8.90*
****available v9.0 or later.*

Power Supply	
Input Voltage	90 - 250 V AC
Output Voltage	Priamry 13.8 V
Output Current	3.5 A
Power Rating	51.38 W
Battery low and mains fail outputs	Normal state 2.5 V Alarm state 3 V
Operating Temperature	10°C to +50°C (14°F to +122°F)
Unit dimensions	Height: 263 mm (10.35 in) Width: 103 mm (4.06 in) Depth: 40 mm (1.57 in)

Kit Part Numbers	
C402910	C7000 Single Door Kit RS485
C402911	C7000 Single Door Kit Wiegand

Kit Contents	Part #
1 x Gallagher Cabinet Single Door	C400120
1 x Gallagher Controller 7000 Single Door	C400010
1 x Gallagher Power Supply, 3.5AH	C200340
1 x Gallagher Controller 7000 Single Door I/O Mounting Plate	C400180
1 x Gallagher DIN Rail Adapter	C400181
1 x Wiring loom and associated internal cable assemblies	

3EXXXX - 06/23