

# Type 2 Lift Control Interface

Control up to 16 floors

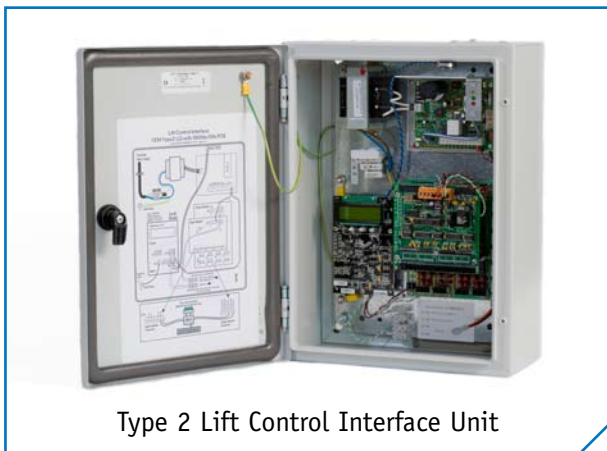
## OVERVIEW

The CEM lift control solution allows seamless control and monitoring of access between elevator floors. Depending on how many floors need controlled, each lift must have a Lift Control Interface (LCI) unit, which is used in conjunction with the CEM S9032 lift controller.

Customers can choose from a range of lift control interfaces including; Type 2 Interface, which controls up to 16 floors.

A Lift Control Interface unit directly connects to a lift floor selection panel. The LCI unit outputs activate buttons on the lift floor selection panel according to the access permissions of the card holder. LCI inputs then record which button was pressed.

Type 2 LCI is fitted with one output card (16 outputs), one input card (16 inputs), and a power supply unit all mounted in an enclosure. Also included in the Type Two LCI is an S600s reader board, to host an external third party read head. The external Wiegand type third party head is normally fitted within the lift, adjacent to the floor selection panel.



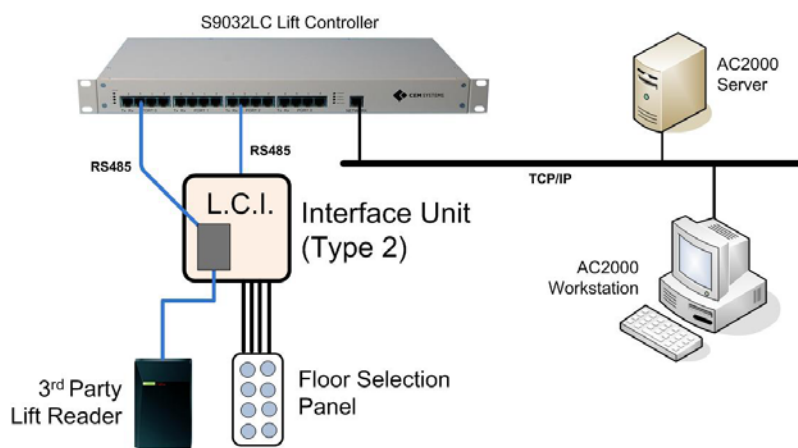
Type 2 Lift Control Interface Unit

## FEATURES

- Each Type 2 Lift Control Interface can support one lift and up to 16 floors.
- The Type 2 Lift Control Interface unit includes a CEM lift reader controller, which connects to third party Wiegand reader
- Type 2 Lift Control connects to the CEM S9032 Lift Controller – which is an intelligent embedded network device for control of lifts within the CEM AC2000 system
- One S9032 lift controller can support up to two lifts
- Inputs in the Lift Control Interface unit can record which lift floor selection panel button was selected
- Reportable Cardholder traceability throughout building floors
- Type 2 Lift control interface comes in a lockable wall mount steel enclosure with inbuilt tamper protection
- Available for use on the CEM AC2000 SE (Standard Edition) access control system

**PRODUCT HIGHLIGHTS**

**Type 2 Lift Control Interface Unit – control up to 16 floors**



**CEM Lift Control solution for up to 16 floors**

At the heart of the AC2000 SE lift control solution is the S9032 Lift Controller. The controller handles all access requests based on the access levels applied to any individual card holder.

After a valid card transaction at the third party lift reader, an RS485 serial signal is sent to the Type 2 lift control interface (LCI) unit. The LCI outputs to the lift floor selection panel, enabling controls only to the buttons that the cardholder has access to. When an enabled button is pressed the lift will function in the normal way.

Each button may have a sensor, optionally connected to the LCI inputs. The LCI will send a signal back to the S9032 lift controller informing the AC2000 access control system which floor was selected.

The above diagram shows access control of one lift via the S9032 Lift Controller and a Type 2 Lift Control Interface (LCI) unit. The S9032 lift controller can support two lifts, however each will require a separate Lift Control Interface unit. The external third party read head used in the lift must be compatible with AC2000 system it is connected too, using the same card technology and the same output numbering format.

**LCI TYPE 2 SPECIFICATIONS**

**PHYSICAL**

Size: 400mm x 400mm x 200mm  
Weight: 9 kgs  
Housing: steel enclosure / Colour Beige

**POWER**

- Voltage Mains power adapter 220-240Vac (supplied)  
Output voltage 12Vdc @ 2.0A
- Current Consumption 300mA
- Backup Battery

**ENVIRONMENTAL**

- Temperature -10° to 50°C (14° to 122°F)
- Humidity 95% non condensing
- LED Indicators Online/Offline, comms connection, Activity/Status, Power and Heartbeat

**COMMUNICATION INTERFACE**

- To Card Reader RS485 multidrop cable runs using Belden with maximum length of 1.2km without repeater
- Connection to host screw terminals
- Input connections 8 way JST male
- Output connections 6 way JST male

**FUNCTIONALITY**

- Input Dedicated Tamper Input  
Dedicated Power Fail Input

**PRODUCT CODES**

- DAC/390/L32 S9032 Lift Controller
- IOC/000/008 Lift Control Interface Type 2 (up to 16 floors)

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