

The Excellum input components are a key component of the Excellum system. These devices provide an interface between lighting components such as presence detectors, light sensors, push-buttons, and the DALI communication network.

Movement and light sensors

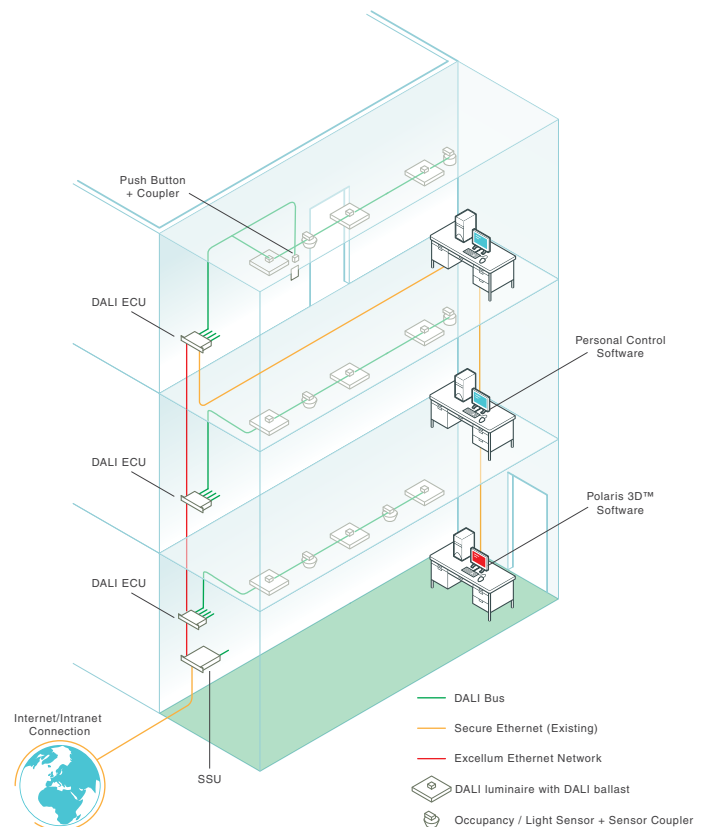
To get status information from movement sensors, light sensors or multisensor, these devices need to communicate with the Excellum DALI system. This is possible by using a sensor coupler. The sensor coupler is a DALI component that takes 2 addresses (one for movement and one for light sensing). There are two versions available depending on the type of sensor that needs to be connected.

The Multisensor Coupler can be used to connect the Excellum Multisensor. It gets its power supply from the DALI line and it provides power to the sensor. This sensor coupler can be easily integrated into a luminaire but it can also be integrated into a false ceiling by using the CI Input Adapter.

The Advanced Sensor Coupler is used for Wide view or High view sensors. This sensor coupler has a daylight sensor on it and the wide view or high view sensor can be mounted on top of the coupler (to make one device out of the two components) but it can also be used stand-alone (for light sensing only).

Push buttons and devices with potential free contacts

To process information such as a push on a button to recall a scene, switch or dim luminaires or alerts like a fire alarm and so on, the push button coupler is needed to capture this information and send it towards the Excellum DALI system to be processed. This is a component with a binary input and it can be mounted in in-wall boxes. It is powered over the DALI-line and uses 4 DALI addresses (one for each potential free input).



Excellum

The Building Energy Management System for Lighting

Excellum is a light management system that aims to improve personal lighting comfort and to achieve optimum energy saving. Combining the user-friendly 3D control software with the freely addressable switching and dimming functions, Excellum is able to create the right light in the right place at the right time with optimum quality while at the same time avoiding unnecessary energy consumption.



Multisensor coupler - C3N10



Push button coupler - C3N11



Advanced sensor coupler - C3N12

Technical specifications

Multisensor coupler

The multisensor coupler is used to connect multisensors to the Excellum DALI network.

Power supply:	via DALI (current draw 5mA)
Installation type:	luminaire integration or ceiling integration with a sensor
Connections:	DALI in and out RJ11 for sensor
Protection type:	IP20

Push button coupler

The push button coupler is used to connect up to 4 potential free contacts to transmit relay information to the Excellum DALI network.

Power supply:	via DALI (current draw 6mA)
Installation type:	in-wall box
Connections:	DALI in and out 4 pairs of 2 wires (one pair per contact)

Advanced sensor coupler

The Advanced sensor coupler is used to connect wide view or high sensors to the Excellum DALI network or it can be used stand alone as a DALI light sensor.

Power supply:	via DALI when stand-alone (current draw 6mA) 220V AC when used with Wide View or High View sensor
Installation type:	luminaire integration or ceiling integration with the adapter
Connections:	DALI in and out Sensor power and relay
Protection type:	IP20

Order codes

Multi Sensor coupler:	C3N10
CI input adapter (for integration in ceiling)	C3N10-1
Multi sensor coupler with adapter	C3N11
Advanced sensor coupler:	C3N12
Push button coupler:	C3N13

ETAP NV
Progress Business Centre
Whittle Park Way -
Slough
Berkshire - SL1 6DQ
Tel. + 44 (0) 1628559650
Fax + 44 (0) 1628559012
e-mail: enquiries@etaplighting.com
www.etaplighting.com

ETAP Export Department
Antwerpsesteenweg 130
2390 Malle
Belgium
Tel. + 32 (0)3 310 02 11
Fax + 32 (0)3 311 61 42
export@etaplighting.com
www.etaplighting.com

ETAP U.A.E.
Energy & Environment Park
Nucleotide Lab Complex, 2nd floor,
Office EO 01
PO BOX 345014, Al Barsha
Dubai, UAE
Tel. + 971 (0)4 434 73 64
Fax + 971 (0)4 437 03 78
export@etaplighting.com
www.etaplighting.com