matter

For professionals

TRIDONIC

What is Matter?

Matter is a standardised open-source language with the aim to reduce the complexity of connecting smartdevices.

Our Matter-enabling lighting products allow you to use the most popular ecosystems from well-known manufacturers and their innovative controls.

This allows you to build a smart, voice-controlled environment where not only the lighting, but all Matter-compatible devices such as blinds, heating, entertainment devices, security systems, and more, speak the same language.
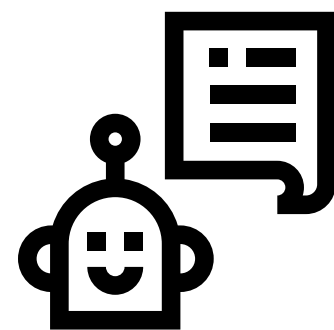
Advantages of the Matter standard

1. Supported by major smart ecosystems

Matter-compatibility allows devices to seamlessly work together and you can set them up with any of the major platforms and connect more Matter devices together. The communication is always ensured regardless – of the manufacturer or (wireless) technology.

2. Future-proof

More and more companies are joining the alliance everyday, it means more possibilities to build even smarter applications.

3. Communication via Thread

Tridonic devices use the Thread protocol for the Wireless mesh communication and benefit from its low-power, low latency, self-healing and security advantages. Additionally Thread Board Routers can be integrated in products – to make Hubs needless.

3. Easy set-up

Defined easy to understand procedure for the set-up of Matter devices by QR code or numerical code input.

New & existing applications benefit from Matter

Factory

Hospitals

Small Boutique Shops

Meeting Rooms

Care Homes

Hotel Rooms

Personal Offices

Matter to DALI modules

1 **Wireless module MTR**

- Upgrade any DALI luminaire to be Matter ready
- Output: DALI broadcast
- Output current DALI: 10 mA
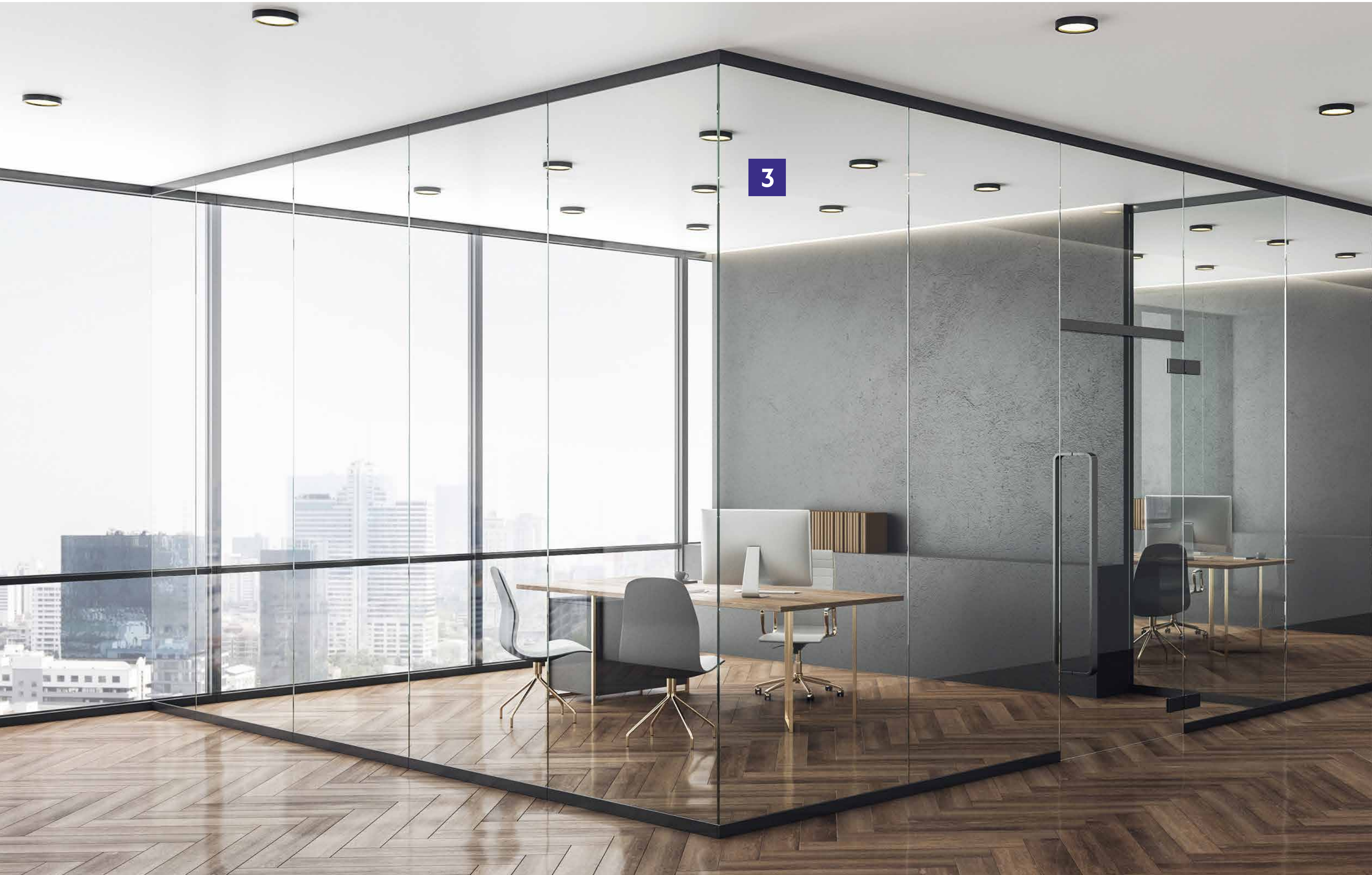- 1x Low voltage push button input

1

2

2 **Wireless module passive MTR**

- Upgrade any DALI luminaire to be Matter ready
- Output DALI broadcast
- Requires DALI power supply (4 mA)
- 4x Low voltage push button input
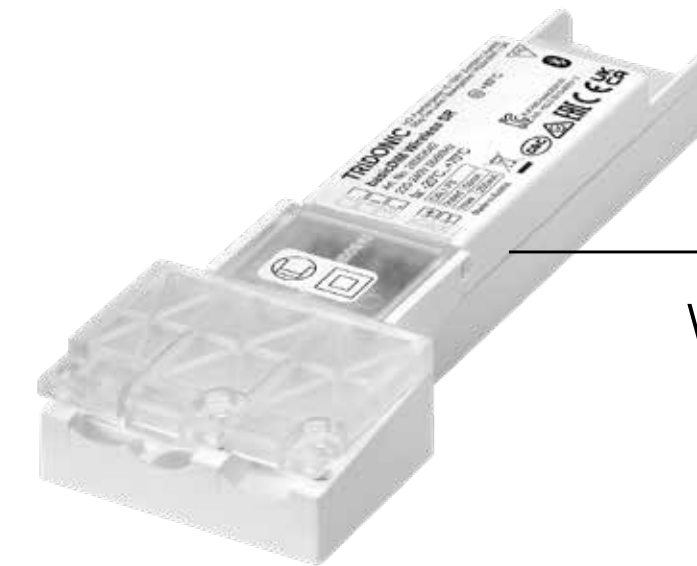
Simple upgrade of your existing DALI luminaire

Matter to DALI modules

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THREAD

Wireless module
SR MTR

With strain-relief
accessory

- Easy to retrofit and install thanks to strain-relief accessory
- Can control up to 25 luminaires
- Output: DALI broadcast
- Output current DALI: 50 mA
- 1x mains rated push button input

Wireless Matter

matter

THREAD

Wireless Matter driver

- Dimmable 24 V constant voltage
- LED driver for flexible constant voltage strips
- Luminaire in-built or stand-alone
- Available in 35 W, 60 W, 100 W, 150 W
- Clip-on strain-relief for safe installation
- Nominal lifetime up to 50,000 h
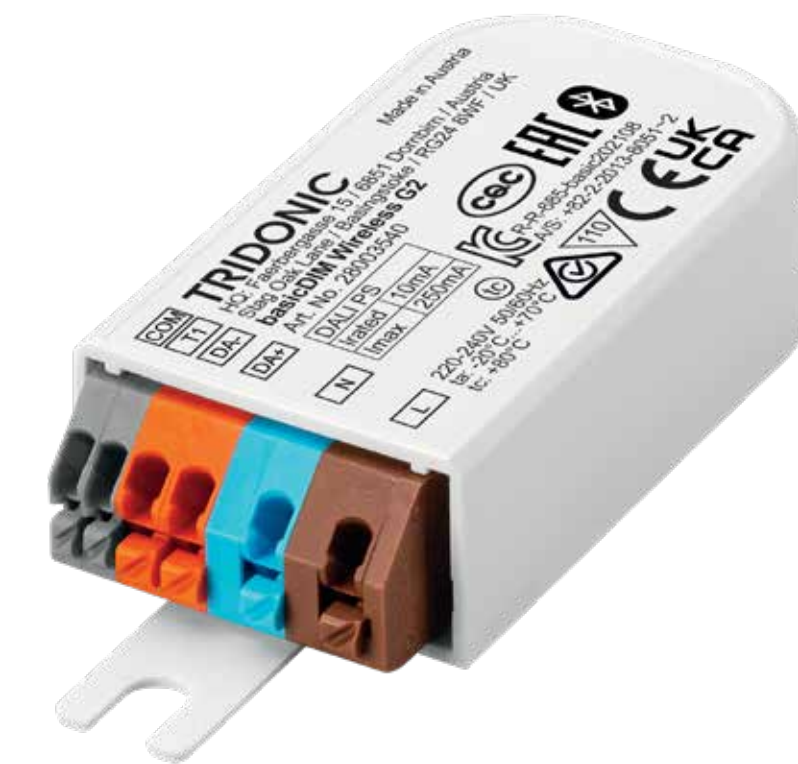
Wireless Matter

LED flextape

- For indoor and outdoor (IP67)
- Design freedom due to 5 cm cut options
- Various colour temperature options
- Simple mounting thanks to self-adhesive 3M
- Lifetime up to 72,000 h
- 5 years guarantee

Wireless Matter

matter

THREAD

Push button coupler

- Low voltage input
- Small size fits in flush box
- Use of existing switches in the building
- Easy wiring

Tridonic lighting technology

Tridonic is a world-leading supplier of lighting technology, supporting its customers with intelligent hardware and software and offering the highest level of quality, reliability and energy savings.

As a global driver of innovation in the field of lighting-based network technology, Tridonic develops scalable, future-oriented solutions that enable new business models for lighting manufacturers, building managers, systems integrators, planners and many other types of customers.

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LJUSKONTROLL