

Atios KNX Bridge ADE-KD-1.0 Datasheet



TECHNICAL SPECIFICATIONS

Power supply	Power over Ethernet 802.3af; or 20–30V DC
Power consumption	1W, with DALI power supply enabled 5W
KNX medium	TP256, twisted pair
DALI standard	DALI and DALI-2 IEC 62386 with multi-master support
DALI power supply	250 mA, can be enabled/disabled in case of external supply
App support	Apple Home and Home Assistant via HomeKit; Apple Home, Google Home, Samsung SmartThings, Amazon Alexa, Home Assistant and more via Matter
ETS product database	KNX-DALI gateway configuration via ETS (see ETS online catalog)
IP protocol	Ethernet 10/100 Base-T and 2.4 GHz Wi-Fi
Ambient temperature	-5 °C to +45 °C
Dimensions	70 × 85 × 60 mm
Mechanical data	DIN-rail device, installation width: 4 modules (TE)
Enclosure	ABS, weight 85 g
Control	1 push button
Indicators	1 multicolor status LED



APPLICATION AREA AND FEATURES

- Visualization, app, and voice control of KNX systems via Matter, compatible with Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, Home Assistant, Homey, and all other Matter platforms.
- Intuitive Web Interface for configuring the Matter bridge for visualization and control.
- Supported Matter and HomeKit device types: lights (on/off, dimmable, tunable white, RGB, RGBW, RGBAW), switches (on/off), sockets, fans, programmable switches, blinds, shutters, and curtains with or without position and tilt control, thermostats, door locks, garage doors (HomeKit only), sensors (temperature, motion, presence, contact, CO₂, CO, air quality, smoke, humidity, leakage, and brightness).
- Web Interface for addressing, grouping, and testing DALI lighting.
- ETS product database objects: On/Off, On/Off status, relative dimming, value dimming, value status, HSV 2-byte object, HSV status, tunable white in Kelvin, tunable white status, for all 64 addresses, 16 groups, and broadcast.
- Support for scenes and automations via Apple Home, Google Home, Samsung SmartThings, etc.
- Multi-user access via Apple Home, Google Home, Samsung SmartThings, etc.
- Push notifications via Apple Home, Google Home, Samsung SmartThings, etc.

