

Atios KNX Bridge ADE-R12 Datasheet



Atios SmartCore

Stand-alone device to control up to 12 Lights, Outlets, Blinds and more.
Integrate your DALI dimmable Lights, Motion Detectors and Keypads.

1 Technical Specifications

Power supply	PoE 802.11af or external DC 12 to 24 V
Power consumption	1 W
Outputs	12x bistable 16A Relay 250 V AC
Inputs	12x wide range 12-230 V AC/DC
DALI standard	DALI and DALI2 IEC62386 supporting Multi Master Mode
DALI power supply	130mA, can be de/activated in case of external PSU
App support	Apple Home and Home Assistant via <i>HomeKit</i> ; Apple Home, Google Home, Samsung SmartThings, Amazon Alexa, Home Assistant and more via <i>Matter</i>
IP Communication	Ethernet 10/100 BaseT and 2.4 GHz WiFi
Ambient temperature	-5 °C to +45 °C
Dimensions	109 x 178 x 60 mm
Mechanical	DIN rail mounted device, width: 10 units
Housing	Plastic, weight approx. 435g
Controls	1 Push button
Indicators	1 multicolor LED

2 Application area and features

- Stand alone device to outfit new homes, business apartments or hotel rooms with app and voice control of Lights, Blinds, Access, Heating and Sensors.
- Visualisation, app and voice control via Matter, supporting Apple Home, Google Home, Amazon Alexa, and Samsung SmartThings
- Intuitive web-interface for configuration, plug and play, no programming knowledge needed
- Support of DALI Broadcast, Single Address, and Group Control.
- Supported Matter and HomeKit characteristics: Lights (OnOff, Dimmable, Tuneable White, RGB, RGBW, RGBAW), Switch (OnOff), Outlet, Fan, Programmable Switch, Blinds, Shutters and Curtains with or without Position and Tilt, Thermostat, Door Lock, Garage Door (only HomeKit), Sensors (Temperature, Motion, Occupancy, Contact, CO2, CO, Air Quality, Smoke, Humidity, Leakage and Light).
- Supported Matter and HomeKit characteristics for DALI: Lights (OnOff, Dimmable, Tuneable White, RGB, RGBW, RGBAW), Switch (OnOff), Outlet, Fan
- Support of 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