

mediola®

AIO GATEWAY V5



DATA SHEET

The mediola® AIO GATEWAY is a small IP-enabled device, which is equipped with a unique hybrid technology, that allows to control devices, which are usually only controllable by ordinary RF- or IR-remote controls, via smartphones and tablets. For this purpose it converts the Wifi-commands from an iPhone, iPad or Android-Device into RF- or IR-signals and vice versa.

The AIO GATEWAY connects all IR-controllable audio-/ video-devices and all RF-building equipment to seamlessly communicate together in an intelligent way, combining lighting, climate, shades, home entertainment, security and more on a single integrated platform. So virtually every device and system in the home can be fully automated and even controlled remotely. Just select your favorite smartphone or tablet to access, control and manage your system from anywhere in the world. With mediola® anyone can turn his home into a smart home easily and add more functionality and comfort step by step.

For those who primarily focus on extremely easy and intuitive set-up including self-generating user interfaces, mediola provides its free App IQONTROL.

For completely customized projects with more supported systems and advanced automation requirements, we provide our powerful Software/ App AIO CREATOR NEO.

In combination with IQONTROL the AIO GATEWAY supports all IR-Devices and over 700 IP-devices & wireless components of more than 50 brands like i.e. HomeMatic, FS20, Elro, Intertechno, Somfy, Philips hue, SONOS, Osram lightify or Conrad RSL steuern. In combination with AIO CREATOR NEO the system can be enhanced by many other brands and professional smart home systems like Qivicon, RWE Smarthome, mylink Home, Homewizard, Rademacher and many more.

The V5 provides a 433 MHz and a 868 MHz RF-Transceiver, Infrared and a programmable RGB-LED-Indicator in the topcover.

IQONTROL
Free Plug & Play APP



WORKS WITH:

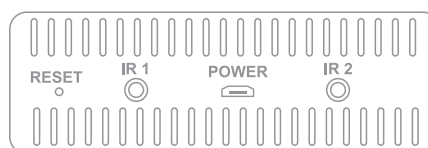
Wireless Home Equipment

- Lighting/ RGB-LEDs
- Security
- Shutter / Blinds
- Climate/ Heating
- Energy / Smart Metering
- Hazardmessaging/ Sensors

TV, HIFI & other IR-Devices



Anschlüsse Rückseite



GENERAL SPECIFICATIONS

Product Type Item Number	mediola AIO GATEWAY V5 GAT-5020
Operating Temperature	Min. 0 °C to max. +40 °C
Dimensions	w/h/l: 110 x 110 x 32
Material (Casing) Color	Polycarbonat black

TECHNICAL SPECIFICATIONS

Operating Voltage / Power Supply	5 V DC / 1,5 A
Power Consumption	1,3 W
Processor	84 MHz ARM® Cortex® - M4, 256 Kbyte Flash, 64 KB SRAM
Network	WLAN IEEE 802.11 /b/g/n
RF Transceiver	1 x 433 MHz, 1 x 868 MHz
RF Transmission	> 100 m (free-field-conditions)
Infrared (IR)	integrated IR-Receiver (38 KHz) and IR-transmission-unit

CONNECTORS/ FEATURES

Connectors for ext. IR-Transmitter	2 x 3,5 mm jack (backside)
Web Server	internal
Lerning Functionality	RF and IR
IR to RF-Connector	Control RF-Devices via conventional IR-Remote Control (38 KHz)
RGB-LED-Indicator (top cover)	programmable (i.e. to display sensor states)

SUPPORTED WIRELESS COMPONENTS* / IR

433 MHz	Intertechno HomeEasy Elro Conrad RSL Renkforce Somfy Roiscock Coco Siral Insta Funkbus von Gira, Berker, Jung Warema EWFS
868 MHz	HomeMatic FS20 Kopp Free Control Elero Barthelme Kaiser Nienhaus Renkforce RS2W ABUS Privest Eltako & Peha EnOcean (no state feedback)
Infrared	nearly all IR-devices

* please check our current list of all supported rf-components: <http://www.mediola.de/recherche-tool-gesamt.html>

Due to the modulation characteristics of the 868 MHz band, only sensors of one vendor can be used as a trigger for events. If 868 MHz sensors from multiple vendors shall be used simultaneously as a trigger, you have to use a second AIO GATEWAY.



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