mediola®

AIO GATEWAY V5 PLUS

incl. AIO CREATOR NEO
Plugin for AIO GATEWAYS

The mediola® AIO GATEWAY V5+ is a small universal IoT-/ Smart Home Gateway, which is equipped with a unique hybrid technology, that allows to control RF- or IR-devices via smartphones and tablets.

In combination with the Software AIO CREATOR NEO, the AIO GATEWAY V5+ connects all IR-controllable audio-/ video-devices and more than 850 RF-components of many different brands to seamlessly communicate together in an intelligent way (the supported devices list will be expanded constantly). So you are able to combine lighting, climate, shades, home entertainment, security and more on a single integrated platform and any device and system in the home can be fully automated and controlled remotely. Just select your favorite smartphone and tablet or PC/ Mac to access, control and mange your system from anywhere in the world. With mediola® anyone can turn his home into a smart home/ smart office easily. Because the V5+ supports Homematic- as well as Homematic IP-Components, the gateway can be used as an alternative to a Homematic CCU. Additionally it receives status feedbacks to visualise operation modes and sensor events (from i.e. smoke-, lock- and motion detectors).

The V5+ contains RF-Transceivers with 433 MHz & 868 MHz, an additional 868 MHz Homematic IP-Transceiver, Infrared Transceivers and two USB connectors. The USB connectors allow to extend the supported devices range with additional wireless standards. Due to its high-performance processor and the embedded Linux OS the V5+ is prepared for future expansions.

To operate the V5+, control all its supported devices and combine them with a multitude of other brands in a scalable All-In-One Smart Home Solution, we provide our powerful Software AIO CREATOR NEO.

With NEO anyone can easily design his individual Smart Home App by using innovative features like the the integrated App designer with grafical Drag'n Drop editor, a macro editor to create one-touch-scenes and many more. Furthermore NEO is amazingly flexible and future-proof because its open and modular architecture allows to integrate a huge variety of control units and devices of other brands, not supported by the V5+, via optional NEO Plugins.

In addition to the already included NEO Plugin for mediola AIO GATEWAYS, we currently offer over 50 other NEO Plugins to enhance the NEO System with many famous brands and professional smart home systems like SONOS, Philips hue, Netatmo, Edimax, OSRAM LEDVANCE, Mobotix, mydlink Home, Denon, Foscam, Magenta Smarthome, INSTAR, AVM Fritz!, Pioneer, ONKYO, Bose, Doorbird ...*

To add some high-efficient automation features, the new NEO Automation Manager Plugin is available for NEO and V5+. It allows to create rules and conditions for simple and multi-level automations and works seamlessly across all incompatible platforms of different vendors / brands.

The supported devices range of the V5+ can be extended with wireless standards such as EnOcean via USB adapters and NEO Plugins*.

*   check the currently avalable NEO Plugins at https://shop.mediola.com
The number of NEO Plugins is growing continuously.

connectors backside

Made in Germany

GENERAL SPECIFICATIONS

Product Type | Item Number	mediola AIO GATEWAY V5+ incl. AIO CREATOR NEO Plugin | GAT-5040
Operating Temperature | Dimensions	Min. 0 °C to max. +40 °C | w/h/l: 110 x 110 x 32
Material (Casing) | Color	Polycarbonat | black

TECHNICAL SPECIFICATIONS

Operating Voltage / Power Supply	5 V DC / 2,5 A
Power Consumption	2,5 W
Processor	900 MHz Dual-Core ARM®, 1 GB RAM
Co-Processor	84 MHz ARM®, 256 Kbyte Flash, 64 KB SRAM
Network	LAN Ethernet 10/100 BaseT / RJ45 (WLAN optional via USB)
RF Transceiver	1 x 433 MHz, 1 x 868 MHz, 1x 868 MHz HomeMatic & HomeMatic IP
RF Transmission	> 100 m (free-field-conditions)
Infrared (IR)	integrated IR-Receiver (38 KHz) and IR-transmission-unit (36 - 455 KHz)

CONNECTORS/ FEATURES

Connectors for ext. IR-Transmitter	2 x 3,5 mm jack (backside)
USB	2 x USB 2.0 (backside)
Antennas	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 | Schalk | Smartwares | Siral | Insta Funkbus von Gira, Berker, Jung | Warema EWFS
868 MHz	Homematic | Homematic IP | FS20 | Kopp Free Control | Elero | Barthelme | Kaiser Nienhaus | Renkforce RS2W | ABUS Privest | Eltako & Peha EnOcean (no feedback))
more wireless standards	additional wireless standards such as Enocean (incl. feedback) can be connected via USB adapters & NEO Plugin
Infrared	nearly all IR-devices

* check the current list of supported devices at http://www.mediola.com/neo-kompatibilitaetsliste

SYSTEM REQUIREMENTS AIO CREATOR NEO

Software AIO CREATOR NEO	available for MacOS 10.7 and higher / Windows 7 and higher at least 2 GB RAM, 200 MB free disk space
incl. free App AIO REMOTE NEO	available for iOS / Android and for Windows / MacOS

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