



IQONTROL NEO



AIO CREATOR NEO /
AIO REMOTE NEO

AIO GATEWAY - ALL-IN-ONE SMART HOME HUB

Our mediola[®] AIO GATEWAY V6 Plus is a universal high-performance Smart Home Hub that allows to control a wide range of RF- and IR-devices smartly via app, cloud or voice. It is equipped with a unique hybrid technology to connect many incompatible radio protocols of competing brands and let them work together seamlessly with IR- and IP-devices.

So all your lights, shades, air conditioner, heater, audio-video-devices, surveillance-cams, sensors and many more can be fully automated and controlled at home or remotely from anywhere in the world.

The V6 Plus contains radio transceivers with 433 MHz & 868 MHz, an additional 868 MHz EnOcean transceiver, infrared transceivers and two USB connectors. The USB connectors allow to extend the supported devices range with additional wireless standards like Z-Wave. Its powerful multi-protocol firmware enables support of proprietary technology of many brands such as Somfy, Hautau, Elero, Warema, Becker, Roto, Rehau, Internorm and many others as well as modern wireless standards/ defacto-standards like Homematic IP, EnOcean, Z-Wave and wired systems such as KNX. You are free to use the V6 Plus with cloud connection or without. Due to its high-performance processor and the embedded Linux OS the V6 Plus is prepared for future expansions.

To control and automate the V6 Plus and all connected devices we provide two independent solutions. Firstly the free but multi-featured Plug & Play App **IQONTROL NEO**, which already contains all essential smart home features. As second option for all those who want to go beyond the possibilities of IQONTROL NEO we offer our professional smart home software **AIO CREATOR NEO**. Both solutions are compatible and build on each other.

IQONTROL NEO APP - SMART HOME SIMPLICITY AT ITS BEST

IQONTROL NEO is our free app to operate the V6 Plus. The app is our cost-effective but multi-featured entry solution to transform any home into a Smart Home worry-free and simple. It has a self-generating plug & play user interface which is extremely intuitive and easy to use and offers all important smart home functions (i.e. smart automation). The app has been designed especially to be used even by beginners and customers with little technical skills.

As a highlight you can start with IQONTROL NEO and switch to the more comprehensive AIO CREATOR NEO solution later - if required. Via upgrade option you can import your existing IQONTROL NEO configuration into AIO CREATOR NEO easily.

AIO CREATOR NEO - AMAZINGLY POWERFUL & FLEXIBLE

The uniquely powerful software / app combination is the ultimate solution for smart home individualists and technology enthusiasts. AIO CREATOR NEO allows to integrate even more systems and brands into your smart home system than IQONTROL NEO. Due to its modular architecture with optional NEO plugins, users can expand their systems along their needs and budgets step by step. Via plugins a large number of 3rd party smart home hubs (i.e. Homematic CCU, Philips Hue Bridge, Fibaro Homecenter,...) including all connected devices can be added to the system. The software contains a powerful and versatile App Designer. With this unique tool anybody can design his customized App with individual graphics and lots of amazing functions easily.

The optional cross-platform Automation Manager allows to create even complex automation programs across all integrated devices with the intuitive block editor in a simple way. The server application **NEO Server** (required for voice control and automations) runs directly on the V6 Plus.



connectors backside



Made in Germany

GENERAL SPECIFICATIONS

Product Type Item Number	mediola AIO GATEWAY V6 Plus GAT-6040
Operating Temperature Dimensions	Min. 0 °C to max. +40 °C w/h/l: 110 x 110 x 32 mm
Material (Casing) Color	Polycarbonat black

TECHNICAL SPECIFICATIONS

Operating Voltage / Power Supply	5 V DC / 2,5 A
Power Consumption	2,5 W
Processor	1,2 GHz Quad-Core ARM®, 1 GB RAM
Co-Processor	84 MHz ARM® Cortex® M4, 512 KB Flash, 96 KB SRAM
Network	LAN Ethernet 10/100 BaseT / RJ45 WLAN optional via USB
RF Transceiver	1 x 433 MHz, 1 x 868 MHz, 1 x EnOcean 868 MHz
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	1 x 3,5 mm jack (backside)
USB	2 x USB 2.0 (backside), 1 x Micro USB 2.0 (backside)
OS Server-Applikation	embedded Linux installed NEO Server
Learning 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

wireless systems / standards	EnOcean (z.B. Eltako, Opus, Winkhaus, Maco, Hoppe, Rehau, Siegenia), Homematic IP optional via USB: Z-Wave
proprietary radio protocols (433 /868 MHz)	Somfy Elero Warema Internorm Roto Becker-Antriebe Kaiser Nienhaus WIR Elektronik → check compatibility list for more*
Infrared (IR)	nearly all IR-devices

APP / CLOUD

Operation	1. IQONTROL NEO (inclusive, free) iOS, Android 2. AIO CREATOR NEO/ AIO REMOTE NEO (optional, fee-based) PC, MAC, iOS, Android
Cloud Services (optional)	» remote access via cloud » voice control via Amazon Alexa, Google Assistant » integration of cloud platforms like Philips hue, Netatmo, ...

* This is an extract from our supported brands list. Check the complete list of compatible devices at www.mediola.com.



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