



Smart Living, Simply Exciting.

- For Business Customers and Partners -

homematic 



She just finished installing her smart home solution.

- ✓ **Simply** installed.
- ✓ **Simply** expanded.
- ✓ **Simply** comfortable.

Homematic IP is the next generation of the Homematic technology by eQ-3, proven in millions of devices already today. The development of this product line has been focussed on the consumers' needs. It is suitable for home owners as well as for tenants. And most of all: it is simple - with no compromises in function or security.

✓ **Simply** installed. ✓ **Simply** expanded. ✓ **Simply** secure.

Homematic IP devices can be easily installed, configured and operated. Even if the customer starts off with a small solution: Thanks to the open platform, the solution can be flexibly expanded at any time - even by products of other product families. This is why Homematic IP is the ideal entry into the world of Smart Home.

[Welcome to Homematic IP](#)

WHAT MAKES HOMEMATIC IP SO SPECIAL

The Homematic IP system is an open platform that can be flexibly used and expanded by the customer. The communication of the devices is based on the Internet Protocol, IPv6, and is thus ideally equipped for the Internet of Things. In addition to its proven wireless product line, eQ-3 now also provides a wired smart home solution with Homematic IP Wired.

Maximum reliability

All Homematic IP devices are characterised by very high reliability. The wireless components work at a frequency of 868 MHz with constant bi-directional communication, ensuring confirmation of all radio commands. In Homematic IP Wired, the components are connected to each other by a bus line. This makes it possible to establish direct links between the devices. For most functions, the devices communicate directly with each other and commands must no longer necessarily converge at a central point. This makes the entire system particularly fail-safe.

Security and data protection at the highest level

During installation of the system, the communication of Homematic IP is secure and cannot be manipulated. At no time, entering of personal data is required. The system is completely anonymous, respects the privacy of the user and thereby ensures the protection of data. The transmission of information is encrypted and authenticated at all times. Reading, changing or other types of attacks are excluded.

Robustness and immunity to interference

During the development of each single Homematic IP component, the immunity to interference is especially important. The wireless devices undergo numerous tests, so that interference caused by WiFi networks, video streaming or other users can be excluded. The wired system is characterised by a so-called ring topology: The bus is always connected from the Homematic IP Wired Access Point to the next device and finally back to the Access Point. If the wire is interrupted at one point, the topology automatically changes to two independent bus lines. This makes sure that the device still continues to work.

Intuitive handling

Homematic IP has been designed for simplicity and usability. The wireless devices can easily be installed and operated via plug and play without technical knowledge. With a free smartphone app, the system can be operated intuitively. The Homematic IP Wired products are connected to each other via bus line. The Access Point is used for connection either to a smart home Central Control Unit in the house or the cloud service on the Internet.



HOMEMATIC IP AT A GLANCE

The Homematic IP product range is steadily growing. With its broad portfolio, the smart home system not only offers convenience in the everyday life, but also increases the security within your own four walls. Homematic IP can be expanded at any time – not only with products from the own range, but also with over 80 components of the origin Homematic system.

Climate control

Entering a warm bathroom in the morning – who wouldn't want that? The climate control devices of Homematic IP can be easily adjusted to personal preferences. This allows a high living comfort and energy cost savings of up to 30 percent at the same time. With the free app, individual heating profiles can be created for every single room. Afterwards, your heating will be controlled automatically and makes the everyday life easier.

Security & alarms

With Homematic IP security components, no burglar can enter unnoticed. In alarm mode, window and door contacts immediately inform about unusual activities. Motion and presence detectors reliably monitor the surroundings while sirens and smoke alarms trigger an alarm that cannot be ignored when detecting a burglar or fire. Just a quick glance at the own smartphone is all it takes for the house owner to see that everything is in the best order at home. In this way, owners can feel safe even when being away from home.

Light & shade



The right lighting makes the own house a cozy home. With Homematic IP, lights can be switched and dimmed easily and quickly from the sofa. In a few single steps the right mood for an evening in front of the TV is created. Devices for shutter and awning control create privacy and increase the security at the same time. Control via the app makes it possible to create individual heating profiles.






Weather & environment











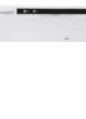



The weather sensors are the latest highlight from the Homematic IP product range. With the weather sensors, the system is automatically adjusted to the current weather condition. The sensors measure external influences such as temperature, wind strength or rain, the system captures these data and evaluates them. In connection with other Homematic IP devices, the sensors trigger the automated moving of awnings or shutters, depending on the current weather. This actively protects the house from environmental influences.











The Homematic IP products can be easily and conveniently controlled via Google Assistant or Amazon Alexa. Operation of the smart home is even more intuitive by voice commands.

Gateways & control units		Part no.
	Access Point HmIP-HAP	140887A0
	Smart Home Central Control Unit CCU3 HmIP-CCU3	151965A0

Shutter Control		Part no.
	Shutter Actuator for brand switches HmIP-BROLL (500 VA)	151322A0
	Shutter Actuator - flush-mount HmIP-FROLL (500 VA)	151347A0
	Blind Actuator for brand switches HmIP-BBL (500 VA)	151333A0
	Blind Actuator - flush-mount HmIP-FBL (500 VA)	151398A0
	Light Sensor - outdoor HmIP-SLO	151566A0






Climate Control		Part no.
	Radiator Thermostat HmIP-eTRV-2	140280A0
	Radiator Thermostat - compact HmIP-eTRV-C	151239A0
	Wall Thermostat with Humidity Sensor HmIP-WTH-2	143159A0
	Wall Thermostat with switching output - for brand switches HmIP-BWTH (1 A)	150628A0
	Wall Thermostat with switching output - for brand switches, 24 V HmIP-BWTH24 (1 A)	150697A0
	Temperature and Humidity Sensor with display - indoor HmIP-STHD	150180A0
	Temperature and Humidity Sensor - indoor HmIP-STH	150181A0
	Floor Heating Actuator - 10 channels, 230 V HmIP-FAL230-C10	142981A0
	Floor Heating Actuator - 6 channels, 230 V HmIP-FAL230-C6	142974A0
	Floor Heating Actuator - 10 channels, 24 V HmIP-FAL24-C10	143238A0
	Floor Heating Actuator - 6 channels, 24 V HmIP-FAL24-C6	143237A0
	Transformer for Floor Heating Actuators, 24 V HmIP-FAL24-TR (36 VA)	150646A0
	Multi IO Box HmIP-MIOB	142988A0
	Switch Actuator for heating systems - 2 channels HmIP-WHS2	150842A0








Security & alarms		Part no.
	Motion Detector with Brightness Sensor - indoor HmIP-SMI	142722A0
	Passage Sensor with Direction Recognition HmIP-SPDR	151159A0
	Window and Door Contact - optical HmIP-SWDO	140733A0
	Window / Door Contact - invisible installation HmIP-SWDO-I	151039A0
	Window Handle Sensor HmIP-SRH	142800A0
	Smoke Alarm with Q-label HmIP-SWSD	142685A0
	Alarm Siren HmIP-ASIR	142801A0
	Water Sensor HmIP-SWD	151694A0









Weather & the environment		Part no.
	Temperature and Humidity Sensor - outdoor HmIP-STHO	150573A0
	Temperature and Humidity Sensor - outdoor, anthracite HmIP-STHO-A	150574A0
	Weather Sensor - basic HmIP-SWO-B	152056A0
	Weather Sensor - plus HmIP-SWO-PL	152057A0
	Weather Sensor - pro HmIP-SWO-PR	151821A0



Light control		Part no.
	Pluggable Dimmer – trailing edge HmIP-PDT (3 - 80 VA)	150327A0
	Dimming Actuator for brand switches – trailing edge HmIP-BDT (3 - 80 VA)	143166A0
	Dimming Actuator flush-mount – trailing edge HmIP-FDT (3 - 80 VA)	150609A0
	Motion Detector with Brightness Sensor – outdoor HmIP-SMO	142809A0
	Motion Detector with Brightness Sensor – outdoor, anthracite HmIP-SMO-A	150320A0
	Presence Sensor – indoor HmIP-SPI	150587A0
	Motion Detector for 55mm frames – indoor HmIP-SMI55	151769A0

Starter sets		Part no.
	Starter Set Climate Control HmIP-SK1	142546A0
	Starter Set Smoke Alarm HmIP-SK4	150788A0
	Starter Set Shutter Control HmIP-SK5	151670A0
	Starter Set Light HmIP-SK6	151671A0
	Starter Set Alarm HmIP-SK7	153348A0
	Starter Set Water Alarm HmIP-SK8	153405A0

Switching & metering		Part no.
	Pluggable switch HmIP-PS (16 A)	141836A0
	Pluggable Switch and Meter HmIP-PSM (16 A)	140666A0
	Switch Actuator and Meter for brand switches HmIP-BSM (5 A)	142720A0
	Switch Actuator for brand switches – with signal lamp HmIP-BSL	152020A0
	Switch Actuator and Meter – flush-mount HmIP-FSM (5 A)	142721A0
	Switch Actuator and Meter (16 A) – flush-mount HmIP-FSM16 (16 A)	150239A0
	Switch Circuit Board HmIP-PCBS (potential-free switching contact)	150776A0










Remote controls & push-buttons		Part no.
	Wall-mount Remote Control – 2 buttons HmIP-WRC2	140665A0
	Wall-mount Remote Control – 6 buttons HmIP-WRC6	142308A0
	Wall-mount Remote Control for brand switches – 2 channels HmIP-BRC2	152000A0
	Key Ring Remote Control – 4 buttons HmIP-KRC4	140740A0
	Key Ring Remote Control – alarm HmIP-KRCA	142562A0
	Remote Control – 8 buttons HmIP-RC8	142307A0
	Garage Door Controller HmIP-WGC	150586A0
	Contact Interface flush-mount HmIP-FCI1	153489A0










Exclusive for CCU

Q1 2019

Q1 2019	Wired	Part no.
	Wired Access Point HmIPW-DRAP	152465A0
	Wired Blind Actuator – 4 channels HmIPW-DRBL4	152431A0
	Wired Dimming Actuator – 3 channels HmIPW-DRD3	152626A0
	Wired Input Module – 16 channels HmIPW-DRI16	152250A0
	Wired Input Module – 32 channels HmIPW-DRI32	152263A0
	Wired Switch Actuator – 4 channels HmIPW-DRS4	152419A0
	Wired Switch Actuator – 8 channels HmIPW-DRS8	151677A0
	Wired IO Module flush-mount – 6 channels HmIPW-FIO6	152482A0
	Wired Bus Cable Connector HmIPW-BCC	153390A0
	Wired Bus Connection Cable – 10 cm HmIPW-BC10	153704A2
	Wired Bus Connection Cable – 22 cm HmIPW-BC22	153706A2
	Wired Bus Connection Cable – 39 cm HmIPW-BC39	153709A2
	Wired Bus Connection Cable – 62 cm HmIPW-BC62	153712A2

VDE
08/2018
Smart Home
Information security tested
Homematic IP
Wired Access Point
www.VDEinfo.com
ID. 40048603

Accessory components	Part no.
 Desk Stand HmIP-DS55	141743A0
 Power Supply Unit for brand switches HmIP-BPS	151197A0
 Button Rocker for brand switch systems – universal HmIP-BRU	153003A0
 Button Rocker for brand switch systems – with arrows HmIP-BRA	153001A0
 Clip-on frame – small HmIP-SF-2	151996A0
 DIN-Rail Adapter for Multi IO Box HmIP-DRA	150123A2
 Disassembly Protection – compact, set of 5 HmIP-eTRV-C-TP	153740A1
 Valve Drive 230 V 24 V EQ3-VD230 / EQ3- VD24	151054A0/ 151058A0
 Inrush Current Limiter ESB1	130366

Accessory components	Part no.
 Adapter set Danfoss	76146
 Adapter Herz, Comap (M28 x 1,5)	76030
 Adapter Oventrop	76029
 Adapter Vaillant	76028
 Theft protection for radiator thermostats	103012
 Adapter Berker (B1) 1 piece set of 20	103094A2 103094A1
 Adapter Berker (B2) 1 piece set of 20	103263A2 103263A1
 Adapter Busch-Jaeger 1 piece set of 20	103090A2 103090A1
 Adapter Düwi 1 piece set of 20	103097A2 103097A1

Accessory components	Part no.
 Adapter Gira 55 1 piece set of 20	103091A2 103091A1
 Adapter Gira Standard 1 piece set of 20	103092A2 103092A1
 Adapter Jung (J1) 1 piece set of 20	103095A2 103095A1
 Adapter Jung (J2) 1 piece set of 20	103478A2 103478A1
 Adapter Kopp 1 piece set of 20	103096A2 103478A1
 Adapter Merten 1 piece set of 20	103093A2 103093A1
 Adapter ELSO Joy 1 piece set of 20	152993A2 152993A1

A list of all matching switch series to our adapters can be found in the data sheet or online at www.homematic-ip.com.

BENEFITS FOR HOMEMATIC IP PARTNERS

eQ-3 continues to focus on cooperating with partners. Without direct distribution to end customers, partners are especially important for the marketing of Homematic IP.

Marketing by Our Partners

- eQ-3 does not sell directly to end customers. Therefore, there is no competition with our partners at any point
- Retailers and online distributors are directly supplied from our own ELV/eQ-3 group logistics centre in Leer, Germany
- In order to supply local distributor, we have one of Europe's largest electric wholesalers at our disposal
- The eQ-3 field sales team is supporting local distributors and installation businesses at their premises

Support is a Priority with Us

- To support its partners, eQ-3 has established strong programs that are constantly expanded.
- Additional benefits while starting as a partner reduce the required investment
- Qualified technical support is available at the headquarters in Leer. And thanks to the close proximity to the R&D department of eQ-3 it is available at every required depth of technical know-how.

Benefits for System Partners

System partners offer hardware and software, online-services and other services that complement Homematic IP in whole home solutions.

- The full range of Homematic products and developing tools are available for our system partners
- System partners can use the CCU2 Central Control Unit software for free with the OCCU SDK
- eQ-3 actively supports system partners in marketing, support and development
- eQ-3 supports system partners in accessing all sales channels of Homematic IP

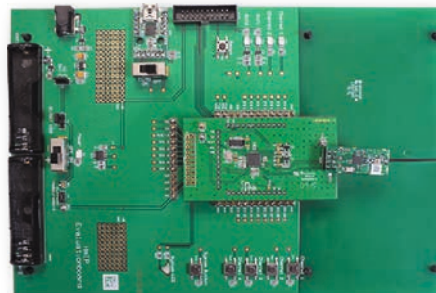


BENEFITS OF COOPERATING IN OEM BUSINESSES

eQ-3 AG is the European market leader* in home automation with millions of devices in the market, e.g. as OEM supplier for four of the five largest utility companies in Germany. This know-how forms the basis of Homematic IP and is available via developer kits, modules and licenses for software and device developers as well as OEMs.

Homematic IP is Open for Other Manufacturers and Offers:

- Java-based software infrastructure with object-oriented interface for the cloud and Central Control Unit
- Software for operation of applications in the cloud or on gateways and Central Control Units locally from home
- The entire software of the Central Control Unit CCU2 by eQ-3 as OCCU Software Development Kit on GitHub – with a license that permits any changes and extensions of hardware made by eQ-3 or third parties in private and commercial applications
- Cost-effective modules for which the certification to EN 300 220 (required for R&TTE) has been successfully completed
- Software stacks for quick and low-risk device development
- A comprehensive set of tools for the development and quality control, enabling automated testing
- Attractive models for technology licensing



* Smart homes and home automation study, September 2018, of the renowned market research company Berg Insight concerning so-called "whole home" systems.

Homematic IP is a brand of eQ-3 AG

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