



## eQ-3 Company Profile



## About eQ-3

In over 30 years, the ELV-/eQ-3 group has developed from a technology pioneer to one of the European market leaders in smart home. eQ-3 stands for innovations in a broad spectrum of technologies that provide in combination a major leap in solutions for customers. In the smart home area, there are numerous examples in wireless technology and mechatronics - amongst others in electronic radiator thermostats. The eQ-3 group has core know-how in battery operation, and with that, also in communication between two or more battery-operated devices. With its home automation products, eQ-3 is a market leader. Due to the integration of IPv6 in home control products in the mass marketplace, eQ-3 is already implementing the frequently cited vision of the Internet of Things (IoT). With more than 1,000 employees, the ELV-/eQ-3 group is one of the largest, and fastest growing employers in East Frisia, Germany.



## Development

We are realising market requirements particularly quickly using state-of-the-art technology and proven methods as well as by maintaining close contact with the market and customers. Our R&D team with more than 70 employees is one of the biggest and most experienced in Europe in the home control area, and provides security even for demanding projects.

## Production and tool making

The development in Germany combined with exclusive production in our 100 % own plant in Zhuhai in Southern China provides the ideal combination of German engineering quality and low manufacturing costs. With an extensive vertical range of manufacture, from tool manufacture, plastic injection moulding and clean room painting, equipping, modern wave soldering, and assembly and testing to chip bonding directly on the PCB, we can realise manufacturing batches of hundreds to hundreds of thousands of products.



## Quality

The guarantee of the highest quality is the guiding line for processes at eQ-3 that runs through all areas of the company. All eQ-3 products are "Developed in Germany", and strictly follow all of the relevant safety standards. Our factory is certified in accordance with ISO 9001:2000 and the international environment management standard ISO 14001. Furthermore, manufacturing is subjected to regular plant inspection audits for certification by VDE, VdS and TÜV Rheinland LGA.



## Our products

# HomeMatic

Homematic is the smart home system by eQ-3. It enables comprehensive control of various functions - from simple to complex scenarios in houses or apartments. The wide product portfolio with more than 80 devices includes products for light, shutter and radiator control. The product range is completed by hazard alarms, safety sensors and products for weather data measuring. Thanks to the radio communication of the devices, houses can be easily retrofitted. The wired components are particularly ideal for installations in new buildings. All wireless products communicate via the robust and reliable 868 MHz Homematic radio protocol.

Homematic can be set up using the browser based user interface of the Homematic Central Control Unit CCU2. The system can be controlled in the local network as well as via Internet. The software offers various configuration and application possibilities, so that there are no limits to creativity.



# homematic IP



Homematic IP is the next smart home generation based on IPv6 and builds on the strengths of Homematic. The product range currently includes products for climate control, security applications and light control. In this way, intelligent heating control is possible as well as increased security and comfort in your own four walls. New products are currently under development and will continuously expand the product portfolio. All devices can be put into operation and controlled using a free app via the Homematic IP cloud. Another benefit: No personal data is being collected.

The Homematic IP standard is characterised not only by high data security but also by the intuitive control and operation of the products and app. Furthermore, Homematic IP can be expanded at any time – also by more than 80 devices of the Homematic product line.

# MAX!

The most efficient way to reduce energy costs and protect the environment is to use an intelligent heating control system. The MAX! heating control system enables comfortable control of the room temperature in flats, houses and other smaller buildings. From a simple radiator solution to a larger room solution and an entire house solution, the system can be flexibly adjusted to personal requirements. However, the room temperature can be controlled using individually set time programs or via smart phone while being on the move.



# eqiva



The eqiva products are high-quality stand-alone solutions that are specialised to home security and heating control for smart homes. The product range covers radiator thermostats with manual programming, smoke alarm devices as well as a radiator thermostat and a door lock that can be controlled and programmed via app using Bluetooth technology. The products are used as stand-alone devices, meaning that they are operated independently from the MAX!, Homematic or Homematic IP systems.



## Flexible partner for trade, industry and system partners

eQ-3 can react very flexibly to the requirements of its partners due to a combination of product management, project management and development in Germany as well as its own manufacturing facility in China.

### OEM versions



Furthermore, products can be modified in accordance with your requirements and therefore offer properties and performance characteristics that provide real differentiation from standard products on the market. eQ-3 develops and produces large-scale consumers' as well as individual products and offers customised solutions all along the line. On the basis of an existing product and the available, proven basic technology by eQ-3, customers are offered the best quality at low risk next to fair market conditions for consumer markets.

### Private label

By means of optimised processes for customer-specific adaptation of products, eQ-3 can flexibly offer any "private label" quantities. The eQ-3 products therefore supplement your product range and can be integrated into your marketing and sales concepts according to your CI with your own logo. The device labelling, modification of nameplates and user manuals as well as individual customisation of gift boxes in terms of colours, design and materials can be implemented in a cost-effective way thanks to the own production plant in China. eQ-3 can be distributor and fulfil any related processes or legal requirements for you. Also marketing solutions are offered, where eQ-3 is not directly appearing.

### Benefits for system partners

System partners offer hard- and software, online-services and other services that complement Homematic and Homematic IP in comprehensive solutions. The full range of eQ-3 products and developing tools are available for them. System partners can use the CCU2 Central Control Unit software for free with the OCCU SDK and, however, enter new markets.

#### eQ-3 AG

Maiburger Straße 29  
26789 Leer

Tel.: +49 (0)491 6008 600  
support@eQ-3.de  
www.eQ-3.de

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