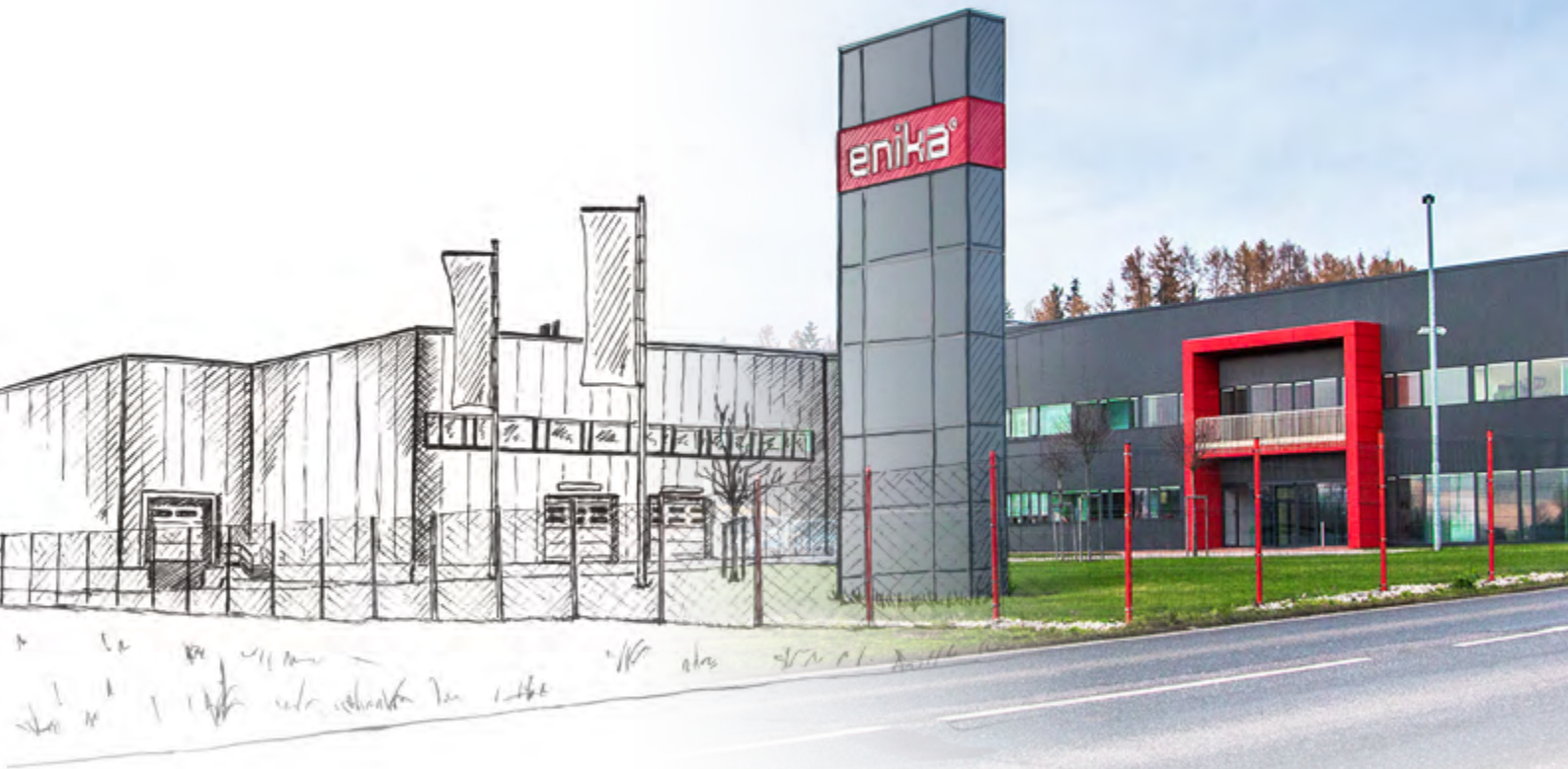


POSEIDON[®]

with respect for energy



Application in practice



POSEIDON[®] control system

ENIKA.CZ has been one of the most important Czech manufacturers of wireless technologies for many years. Thanks to its own development base and more than 30 years of experience in this field, the modern POSEIDON[®] control system was created, which was quickly and successfully spread throughout Europe with the help of a network of partner distributors.

The system is designed for efficient control of lighting and shading, but due to its high flexibility it can be used for many other applications, e.g. wireless transmission of the tariff change signal, for access control systems or for measuring temperature, humidity and air quality in a room. It brings savings in electricity spent on lighting and maintenance, ensures lighting according to hygiene standards and provides a comfortable and safe environment for employees. It also allows control from locations that are inaccessible or dangerous for conventional installation (wet areas, placement on flammable substrates, glass, etc.).

Reliability of signal transmission is ensured by the selected frequency of 868.3 MHz, repetition of the transmitted code and two-way communication secured by a floating code.

The signal transmission distance can be up to 3 km using appropriately selected antennas. Thanks to the simple installation, no special training for electrical installation companies is required. The system portfolio includes mobile and wall-mounted transmitters of various designs, receivers (DALI, 01-10V, relays), lighting controllers, motion, lighting, temperature, humidity, CO₂ sensors, etc. The system offers an advantageous solution for installations in commercial buildings, industry, logistics, home applications and for outdoor lighting control where long distance control is required. The whole system is focused on economy, safety, comfort, ease of use and modern design.

ADVANTAGES OF POSEIDON[®] SYSTEM

- Energy saving through automatic lighting control and motion detection
- High flexibility of the solution
- Easy installation and adjustment of functionality in case of layout changes
- Robust system with room air quality control (temperature, humidity, CO₂)
- Can be integrated into higher-level systems (BMS)
- Guaranteed compliance with lighting and safety standards
- Wireless set-up and commissioning / launching
- Receivers also serve as signal repeaters
- Ideal system for new buildings, renovations and additional fitting



€ POSEIDON®





Office

p. 6 – 15

- office buildings
- shopping galleries, shops
- schools, research and development sites
- reconstruction of historic buildings

Industry

p. 16 – 25

- production halls
- warehouses
- logistics centres

City

p. 26 – 33

- public lighting
- area lighting
- car parks
- railway stations
- sports grounds

Home

p. 34 – 41

- modern residential new buildings
- family buildings
- houses/wooden buildings

Office



POSEIDON® Office is suitable for installations from small offices to office floors or entire office buildings. It brings savings in electricity spent on lighting and maintenance. At the same time, it ensures lighting according to hygiene standards, comfort and safety of the environment for employees and easy operation. It is suitable for new buildings as well as for renovations or additional fitting.







Constant level lighting control

A person entering the room turns on the lights using the wall transmitter. The lighting controller with occupancy detector will maintain the artificial light level at the desired level depending on the intensity of the daylight. In the event that no one is in the monitored area, the device will automatically switch off the lighting. This ensures that only light is shone where and how much is needed. Each luminaire can be controlled individually due to the requirement for easy subsequent

interior layout changes. Controlling the interior lighting in relation to the exterior lighting is the most modern way of controlling the luminaires. In this way, considerable energy savings can be achieved in the operation of the luminaires.



BASIC ELEMENTS OF A SYSTEM

Light regulator with occupancy detector P8 LR C, P8 LR W, P8 TR PSMR16 (HR)

Receiver with DALI output P8 R 4 DLA N

Wall-mounted/mobile transmitter POSEIDON®



Automatic switching of lighting depending on movement

Office corridors or passageways are areas where constant lighting is not necessary because there is frequent movement of people, but only for a short period of time. In order to ensure that lighting is always provided, and only for the most necessary time when people are present, it is advisable to choose a motion sensor.

This element senses the space in its field of view and switches on the light if it detects movement. This eliminates the need for passers-by to constantly switch the lights on and off, which is a common cause of unnecessary energy costs.



BASIC ELEMENTS OF A SYSTEM

Movement sensor P8 T PS W, P8 T PSMR16/A (HR)

Receiver POSEIDON® P8 R 2 N, P8 R 1 I, P8 R 8 S3, P8 R 2(4,8) DIN, P8 R 2 U



Control of roller shutters and blinds

The specially designed universal solution for controlling roller shutters and blinds is especially appreciated by building managers, system integrators and electrical installation companies. It guarantees easy installation, flexible placement of transmitters (controllers) in the interior and excellent technical parameters with up to 10 years of battery life.

The position of the roller shutters or the tilt of the blinds can be user-adjusted according to the individual needs of the people present in the office, automatically based on the outdoor light intensity or simply according to the working hours. The receivers are designed to be controlled via POSEIDON® wall/mobile transmitters or via an Ethernet interface based on requests from building control systems.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 4R S, P8 R R I, P8 R R Time (Element/Tango)

Ethernet interface P8 GWA DIN, P8 TR IP

Wall-mounted/mobile transmitter POSEIDON®



Scenic control

With POSEIDON® you can easily create your own desired scenes for various events such as meetings, presentations, video conferences or relaxation scenes etc. By combining dimming, relay and roller shutter receivers, a scene can be created where, for example, at the touch of a button the blinds come down, the projection screen comes up and the room lighting is automatically dimmed.

At any time in the future, the functionality can be very easily changed or extended with additional elements. At the same time, everything can be connected to the audiovisual system.



BASIC ELEMENTS OF A SYSTEM

Control terminal AMR-OP87/P02

Receiver with DALI output P8 R 4 DLA N

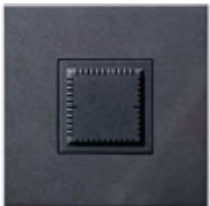
Receiver POSEIDON® P8 R 4R S, P8 R R I, P8 R R Time (Element, Tango)



Air quality measurement

The POSEIDON® wireless system offers a convenient solution for sensing temperature, humidity and carbon dioxide (CO₂).

The versatile, low-profile sensor ensures reliable indication of exceeding set CO₂ limits by means of optical and acoustic signalling. Of course, it is also possible to wirelessly transmit the measured values to the building's higher-level systems via an Ethernet interface and to directly control the POSEIDON® system components.



BASIC ELEMENTS OF A SYSTEM

Air quality sensor P8 T CO₂ MS, P8 T CO₂ TE

Ethernet interface P8 GWA DIN, P8 TR IP



Access to the building

Control of access to the building or company premises can be implemented by means of a receiver that will be connected to the electric opening circuit. Two output channels can be used for direct control of doors, entrance gates or barriers. It has an extended memory for 1000 transmitters and thus finds its application in controlling entrances to reserved car parks of large companies, offices, hospitals and apartment buildings.

They use a protocol for mutual communication, which is characterized by a high speed of message transmission and a high degree of security.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 2 DIN AC, P8 R 2 Pulse, P8 TR 2 DIN ACC

Mobile transmitter POSEIDON®



Flood sensor

The flood transmitter is designed to be placed on the floor where it will broadcast information in the event of flooding. The receiver with relay can then directly control the water supply valve to the building. This can minimise consequential damage in the event of water main breaks.

It has both optical and acoustic signalling with a battery life of up to 5 years. If required, the transmitter can be extended with an external temperature sensor and thus have an overview not only of the flooding status but also of the current temperature. It is suitable for use in office buildings, logistics halls, industrial buildings and the private sector.



BASIC ELEMENTS OF A SYSTEM

Flood sensor P8 T AQ

Receiver POSEIDON® P8 R 2 N, P8 R 2 N/K, P8 R 1 I, P8 R 8 S3, P8 R 2(4,8) DIN, P8 R 2 U

External temperature sensor 3292U-A90100

Office references

POSEIDON®



City Hall, Prague 12



Grande Arche La Défense, Paris



Astur & Qanto, Svitavy



Twitter, Paris



Bořislavka, Prague 6

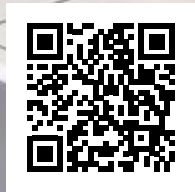
Industry

POSEIDON®

POSEIDON® Industry delivers attractive lighting cost savings, increased comfort and improved work safety. Installation of the system is quick and easy, and the lighting system can be managed via PC both locally and centrally.

The POSEIDON® Industry lighting control system is designed to meet the applicable standards and specific requirements of production halls, warehouses and logistics centres.







Daylight dimming with motion detection

Controlling the interior lighting depending on the amount of light entering the space from the outside environment is one of the modern ways of controlling luminaires. Wireless sensors provide maximum flexibility in implementation and subsequent changes in technology deployment.

By using lighting controllers in combination with motion detection, significant savings in electricity spent on lighting can be achieved. Industrial controllers together with receivers for controlling dimmable luminaires prevent unnecessary lighting in corridors, between storage racks or in empty halls, e.g. during lunch breaks. The POSEIDON® system can be integrated into a higher-level building management system via an Ethernet interface. By adding a touchscreen terminal, the control can be extended for greater clarity and operator comfort.



BASIC ELEMENTS OF A SYSTEM

Light regulator with occupancy detector P8 LR HF(C), P8 LR HF(C) DLM

Receiver with DALI output P8 R DALI IP

Control terminal AMR-OP87 RevA, AMR-OP83

Wall-mounted/mobile transmitter POSEIDON® P8 T 2(3,4,6,8) IP



Measurement of room temperature and relative humidity

The transmitter wirelessly transmits the temperature and relative humidity data of the monitored space to the receiver (IP gateway), which then transmits the information to the higher-level building control system. This information is then used, for example, to control the HVAC system or to control the operation of machines or equipment that operate in a specific environment.

The temperature transmitter is housed in a high protection plastic box that can be screwed or glued to any suitable surface. The measurement can be used in industrial and office buildings, e.g. in warehouses for food, pharmaceuticals, electronics, etc.



BASIC ELEMENTS OF A SYSTEM

Temperature and humidity sensor P8 T TempRh IP

Ethernet interface P8 TR IP, P8 GWA DIN



Operating the POSEIDON® system with a switch from another manufacturer

The POSEIDON® system is also ready for situations where you want to use an old mechanical switch, so that you don't have to deal with costly switchboard replacements, for example. The solution is to use a two-channel contact status transmitter.

The contact status transmitter is used together with a suitable receiver to wirelessly transmit information about an open or closed contact. The contact status transmitter can also be used to transmit position information of active and passive HVAC elements - valve and damper states (positions), window contacts, etc. Both inputs are independent and can control different receivers.



BASIC ELEMENTS OF A SYSTEM

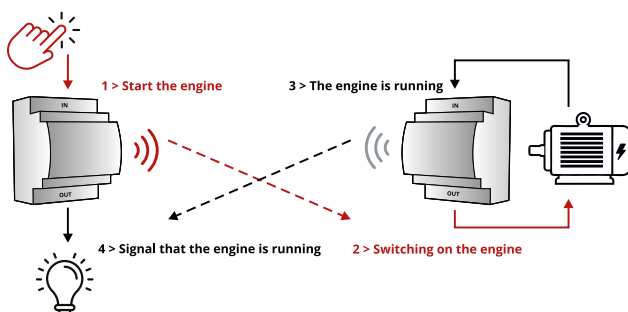
Transmitter of input information P8 TR 2C DIN, P8 TR 2U DIN



Confirming the operational status of remote technologies

A completely unique solution is the transmission of input information with back confirmation of the operation of the respective device. From the control point it is immediately visible whether the remote technology, which is not in visible range, is active or not. If the input on the transmitting side is switched on, this information is sent and the second device on the receiving side evaluates this information and switches the corresponding output.

Two-way communication between the devices ensures maximum transmission reliability. This feature allows, among other things, the status of the monitored device to be signalled back. In case of loss of signal from the transmitter, it is possible to define the status of the output on the receiving side. The reliability of this application can be used, for example, in the control of remote pumps in waterworks. In addition, by using a suitable antenna, a range of up to 3 km can be achieved.



BASIC ELEMENTS OF A SYSTEM

Transmitter of input information P8 TR 2C DIN, P8 TR 2U DIN

Outdoor antenna P8 A EXT2, P8 A EXT1, P8 A INT1, P8 A INT2



Control of the entrance gate from a forklift truck

Quick and convenient control of entrance gates, barriers or gates is achieved by connecting a receiver to the motor control unit, which is paired with one of the POSEIDON® transmitters and thus allows safe remote control of the device.

A very popular solution is to use a transmitter in the form of a wireless keypad, which offers the possibility to operate in direct transmission mode in a push-button combination of up to 9999 channels - the devices to be controlled. A specific numerical designation is always used to open the door. The signal is radio, omnidirectional with a range of up to 150 m in open space, so that the door can be operated well in advance. For security reasons, the radio transmission is secured by a unique floating code that excludes decoding and thus possible misuse.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 2 Pulse, P8 R 2 DIN AC, P8 TR 2 DIN ACC

Mobile transmitter POSEIDON® P8 T Keyboard, P8 T 4 Disc-IP65



Access system to the company premises

The POSEIDON® access system ensures safe access for people or vehicles to various objects, buildings, premises or car parks. Receivers open gates, doors or barriers based on instructions from wireless transmitters. Different functions can be set for each transmitter button at different locations on the premises.

The system allows remote access for settings via an Ethernet interface in combination with an integrated web server. User groups can be created, time-limited access can be defined, and archiving of individual events is a matter of course. In cooperation with any POSEIDON® transmitter, it enables secure radio transmission without the possibility of unwanted decoding.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 TR 2 DIN ACC

Mobile transmitter POSEIDON®

Industry references

POSEIDON®



Delteco, Spain



Astur & Qanto, Czech Republic



Juta, Czech Republic



Astur & Qanto, Czech Republic



Kobit, Czech Republic



Mantova, Italy



Caldes de Montbui, Spain

City

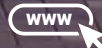


The POSEIDON® City system offers an efficient and very comfortable way to control outdoor lighting with an emphasis on safety and energy savings. The system is based on the modern and dynamically developing LoRa WAN technology, which communicates over long distances, allowing you to control outdoor lighting and regulate its intensity in cities and towns, industrial sites, sports grounds, car parks, residential areas or railway stations.

The modern and globally expanding network is used not only for lighting control purposes, but also for collecting data from electricity meters, information on the state of filling of waste containers, data on the state of the air, etc.

The development department of ENIKA.CZ brings its own know-how, thanks to which we are able to respond flexibly to requirements and thus be co-creators of your projects.







Control of outdoor lighting in towns and villages

Don't you want to turn on every other lamp or even turn off your outdoor lighting at night to save money? Do you want a safe city or municipality? If the answer to these two questions is yes, then the POSEIDON® City system is for you. The system will help you to control your lighting efficiently and will also allow you to control other facilities you are managing.



It will ensure that the lights are on only when necessary and only as much as is required according to a clearly defined astronomical clock. In a simple way you will be able to change the intensity of lighting in different locations independently. By adjusting the lighting intensity you can increase safety in locations that are at risk (pedestrian crossings, bus stops, schools, restaurants, etc.). The lights can be controlled individually or as defined groups. All this in a clear app on your PC, tablet or mobile. You will no longer have to wait at the switchboard when lighting the Christmas tree in the square.

BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® City L8 R DALI NEMA, L8 R 0110 NEMA, L8 R DALI ZHAGA

Gateway L8 GW LOIP65OUTEU868, L8 GW LOIP65INEU868

Application POSEIDON® City



Control of area lighting

Each company site has its own specific operation and consequent need for lighting. Whether it is shift operation, the need to ensure throughput at long intervals, irregular passages, providing light for CCTV systems, etc. POSEIDON® City allows you to precisely adjust the lighting to ensure maximum safety, while at the same time not incurring unnecessary electricity costs.

By dividing the site into zones according to operational needs (car park, road, pavement, storage areas, advertising), you get the option of choosing different lighting intensities. In all zones there is no need to keep the lighting power at maximum at all times, thanks to which energy savings can be achieved. By having an overview of the status of the luminaires in one place you reduce the need for regular checks on the functionality of the lighting to maintain safety, the system will report faults to you. In this way, you not only streamline the operation of your site lighting, but also contribute to reducing energy burden and light smog.

BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® City L8 R DALI NEMA, L8 R 0110 NEMA, L8 R DALI ZHAGA
Gateway L8 GW LOIP65OUTEU868, L8 GW LOIP65INEU868

Application POSEIDON® City





Controlling the lighting of the shopping centre car park

The lighting of the entire car park can be controlled as one or more groups. The operation of the luminaires is adapted to the opening hours of the shop, with a predefined timetable that can be changed at any time.

The operator always has an overview of the lighting time, the status of the individual luminaires and the energy consumed. In the event of a malfunction, he is then informed by a report from the app, which is also a simple tool for setting up and controlling the entire system. POSEIDON® City can also be used to control the lighting of advertising areas and other installations where the emphasis is on energy saving and safety.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® City L8 R DALI NEMA, L8 R 0110 NEMA, L8 R DALI ZHAGA

Gateway L8 GW LOIP65OUTEU868, L8 GW LOIP65INEU868

Application POSEIDON® City



Control of lighting in the sports complex

Sports facilities are often used for different types of activities and with different numbers of athletes. Sometimes the area is only partially used, but it is not possible to reduce the lighting sufficiently, thus incurring unnecessary energy costs.

The solution is the POSEIDON® City control system, which makes it possible to divide the area or playground into several groups. These groups can then be conveniently controlled, e.g. from a tablet, individually or collectively in 0-100% intensity mode.

You can preset „scenes“ - match, training, grass cutting, ½ pitch 50%, etc. After that, it will be easy for your athletes to choose the right lighting to ensure ideal conditions for a good performance and for the spectators to watch every detail of the match.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® City L8 R DALI NEMA, L8 R 0110 NEMA, L8 R DALI ZHAGA
Gateway L8 GW LOIP65OUTEU868, L8 GW LOIP65INEU868

Application POSEIDON® City



Control not only lighting - also bus stations, parks, fountains, ...

In every village or town there are many corners and interesting elements which, with their architectural, historical or natural design character, serve to complete the unique character of the place. However, the maintenance and control of the night lighting of these places is usually challenging and individual.

POSEIDON® City can control just these elements in addition to street lighting, giving you not only an overview, but more importantly, the considerable savings that need to be spent on such activities. The photo shows the bus station in Nová Paka, which can be controlled separately according to the start and end of the daily schedule from other public lighting. It also includes a water design element where not only the lighting is controlled, but also the triggering of the water pump. In the same way you can clearly arrange parks, statues, lighting of facades of historical buildings etc.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® City L8 R DALI NEMA, L8 R 0110 NEMA, L8 R DALI ZHAGA

Gateway L8 GW LOIP65OUTEU868, L8 GW LOIP65INEU868

Application POSEIDON® City

City references

POSEIDON®



Church of Our Lady of Seven Sorrows, Krnov, Czech Republic



Bus terminal, Nová Paka, Czech Republic

Savings

- saves energy costs, inspection, maintenance and replacement costs
- saves time through easy lighting planning

Safety

- immediate fault reporting
- right light level at the right time
- possibility to create your own network without the need for a remote Cloud

Monitoring

- overview of luminaire operating time
- overview of the status of individual luminaires

Online control

- clear visualisation of the lighting plan
- setting lighting schedules
- independent control of individual luminaires or groups of luminaires



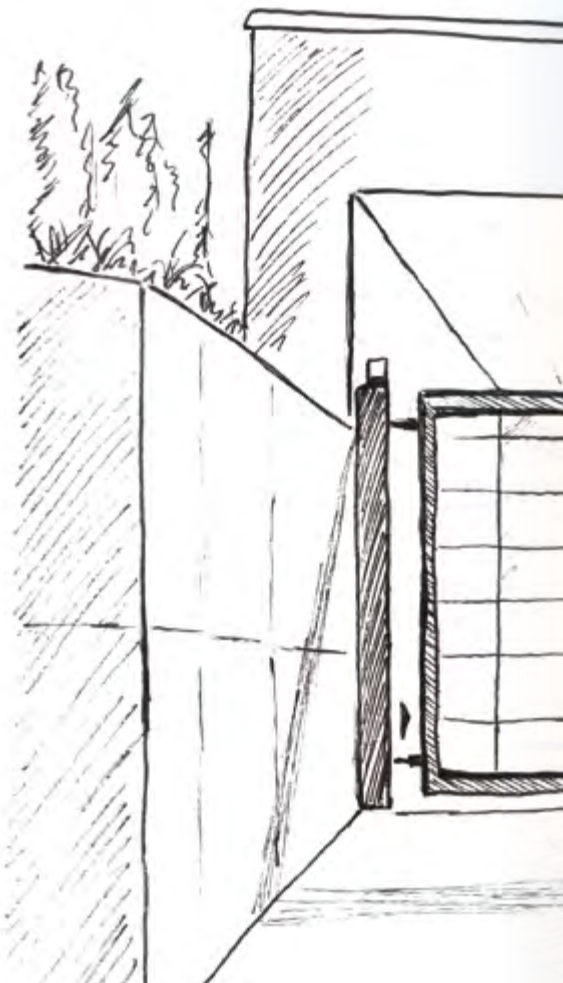
Observation tower Cvilín, Czech Republic

Home



POSEIDON® Home offers an efficient way to control more than just lighting. It offers its users the benefits of increased comfort, the possibility of individual customisation of functions, time savings and reduced costs of household operation.

It is suitable for new buildings as well as for renovations or retrofitting.







Entrance gate control

Automatic opening and closing of the entrance gate or garage door has become a common feature of many homes. Simply connect a receiver to the gate motor control unit and pair any POSEIDON® transmitter to it. The radio transmission is secured against misuse by a unique floating code, so there is no possibility of your door being controlled by a neighbour. For DIYers, it can also be used to open greenhouses, chicken coops or the waste storage compartment when the garbage truck arrives, for example.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 2 Pulse,

P8 R 2 DIN AC

Mobile transmitter POSEIDON®



Control of multiple independent circuits

Using one receiver, you can switch separate electrical circuits to control e.g. pool filtration, lighting around the house, pergolas, fountains, etc. Connect the desired circuits to the universal 8-channel receiver in the control panel, load each channel with any POSEIDON® mobile or wall-mounted transmitter and you have a „smart“ home where there is no need to leave the pool. If you like it, the installation can easily be expanded with additional receivers.



Extending the existing switch with additional wireless controllers

BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 2(4,8) DIN, P8 R 8 S3, P8 R 2 N, P8 R 2 N/K, P8 R 1 I, P8 R 2 U

Wall-mounted/mobile transmitter POSEIDON®



If all the wiring in your home is already done and you need to move the classic wired on/off switch to the opposite wall, replace it with an electronic switch with a built-in POSEIDON® receiver. By replacing the classic switch with this receiver, the function of the switch is retained, but in addition, the luminaire can be controlled by up to 32 additional independent POSEIDON® switches (transmitters), which can be freely positioned in the household to add additional control points.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 1 Time
(Element, Tango)

Wall-mounted/mobile transmitter POSEIDON®



Dimmable bulb brightness control

Do you like a nice atmosphere with a glass of wine, but the light is too strong? Then, instead of the existing wired switch, connect a built-in dimmer receiver to the circuit, which is designed to remote control the brightness of various dimmable light sources.

The receiver can dim both incandescent bulbs and dimmable LED retrofits and is designed to be built into a standard installation box or directly into luminaires or other space. Any POSEIDON® mobile or wall mounted transmitters in the design of your choice can be loaded into the receiver's memory.



BASIC ELEMENTS OF A SYSTEM

Built-in receiver with dimmer P8 R D I, P8 R D I/LED

Wall-mounted/mobile transmitter POSEIDON®



Control of luminaires equipped with DALI or 1-10V dimmable ballasts

For controlling luminaires with DALI ballasts, the system is equipped with receivers which, in combination with POSEIDON® design transmitters, allow the use of this modern way of controlling luminaires, which is gradually being transferred from office and industrial buildings to the household.

Receivers can be integrated directly into luminaires or placed in ceilings or other areas. The system also has receivers for controlling 01-10V ballasts.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R 4 DLA N, P8 R 01-10V

Wall-mounted/mobile transmitter POSEIDON®



Control of roller shutters and blinds

For convenient control of blinds or shutters from the house, terrace or garden, it is possible to install a built-in receiver to the motor, which is specially designed for controlling shading technology. Thanks to its small dimensions, it is suitable for installation in a standard wiring box with a minimum depth of 40 mm. This receiver is then simply paired with any POSEIDON® mobile or wall-mounted transmitter. It will now be possible to control the roller blinds wirelessly from several independent locations.



BASIC ELEMENTS OF A SYSTEM

Receiver POSEIDON® P8 R R I,
P8 R R Time (Element, Tango), P8 R 4R S
Wall-mounted/mobile transmitter POSEIDON®



Scenic control

By selecting a button on any POSEIDON® transmitter, multiple devices can be controlled at once (e.g. to close the roller blinds, start lighting scenes, dim hallway lights). The possibilities are countless and the configuration can be changed at any time. Invent the impossible and surprise your visitors. For better clarity, ENIKA.CZ will print the transmitter according to your wishes.



Tariff change signal transmission

BASIC ELEMENTS OF A SYSTEM

Dimmable receiver POSEIDON® P8 R 4 DLA N,
P8 R 01-10 N, P8 R D I, P8 R D I/LED
Roller blind receiver Poseidon® P8 R R I,
P8 R R Time (Element, Tango), P8 R 4R S
Wall-mounted/mobile transmitter POSEIDON®



Do you have multiple electricity tariffs and try to use the cheaper one as much as possible? Then there's a solution that sends wirelessly the information that you have cheap power right now and the washing machine can start. To control it, you can use a voltage status transmitter, which, after applying voltage to one of the two inputs, sends this information to the receiver - the appliance (e.g. direct heating, boiler, storage stove) or to a remote switchboard where any POSEIDON® system receiver is located. The range for the transmitted signal is up to 150 m in open space. If you have a tariff switch far from your house, you can extend the distance by connecting an external antenna, which can help you achieve a distance of up to 3 km in case of line-of-sight.

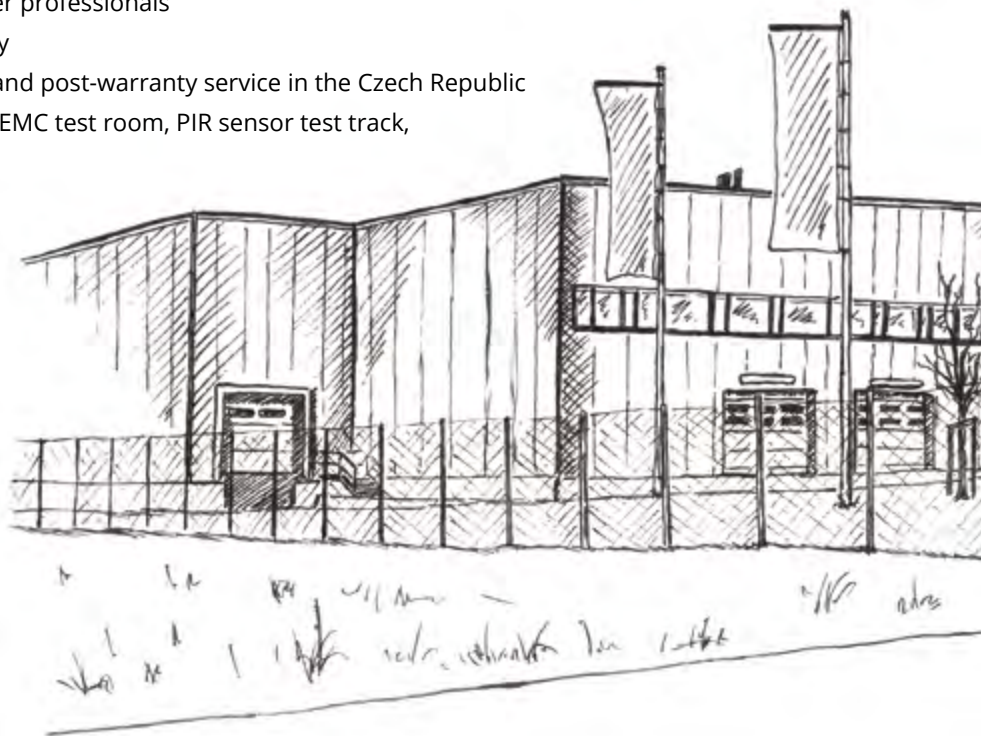


BASIC ELEMENTS OF A SYSTEM

Transmitter input information P8 TR 2U DIN, P8 TR 2C DIN
Receiver POSEIDON® P8 R 2(4,8) DIN, P8 R 8 S3, P8 R 2 N
Outdoor antenna P8 A EXT2

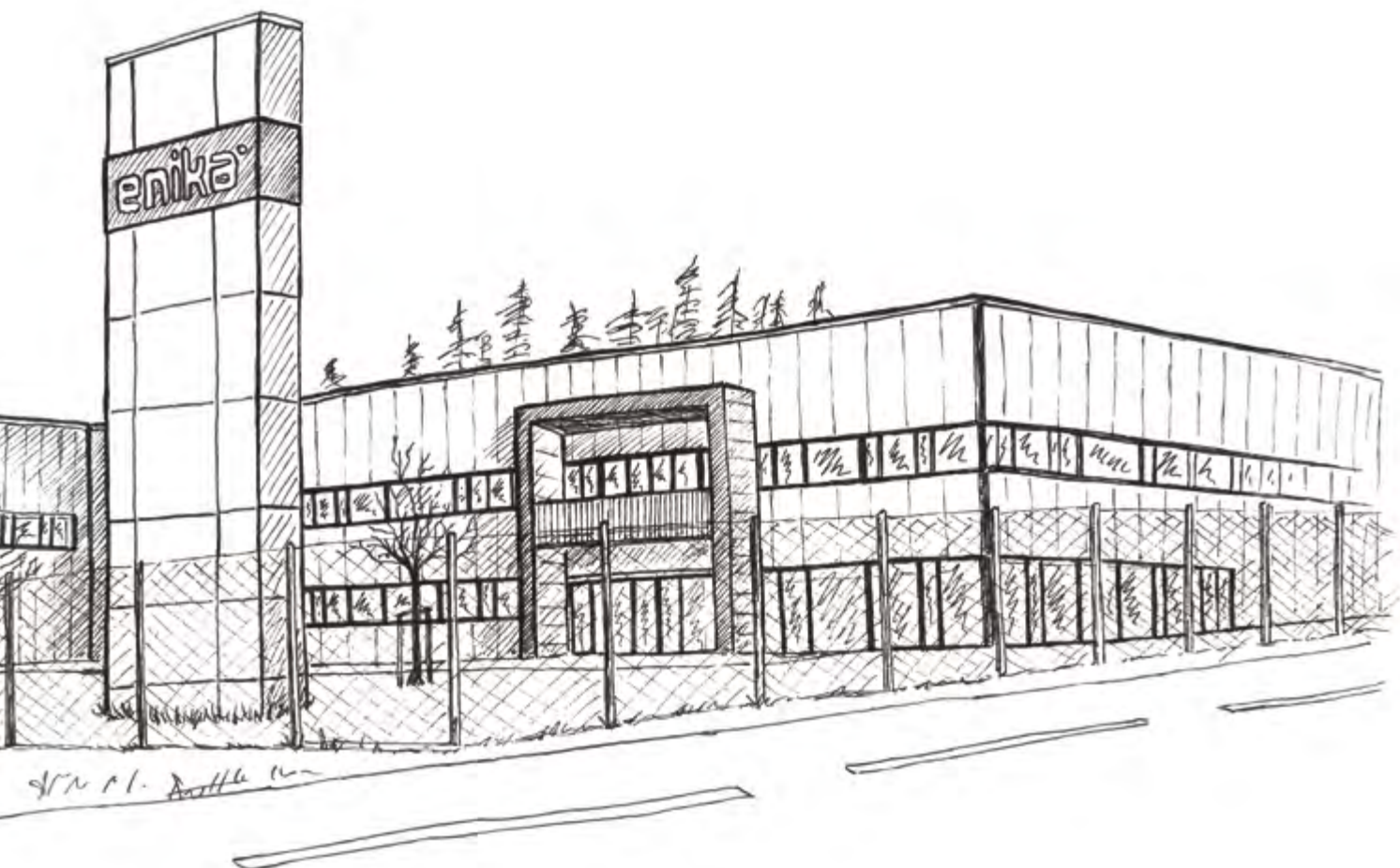
Why POSEIDON® from Nová Paka:

- **POSEIDON® is developed and manufactured by the Czech company ENIKA.CZ s.r.o. with more than 30 years of experience in control systems, lighting and components**
- **The possibility of a tailor-made solution according to the customer's needs**
- **5-year warranty**
- **Communication protocol security - manufacturer's property**
- **Free control system design**
- Custom software for configuration
- Regular training for designers and electrical installation companies, system integrators, electrical designers, architects and other professionals
- Guarantee of quality and product safety
- Technical support, complete warranty and post-warranty service in the Czech Republic
- Own test facilities (shockless chamber, EMC test room, PIR sensor test track, thermal chamber, etc.)





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enika

SYSTEM SOLUTIONS • LUMINAIRES • COMPONENTS • CONTACTS •

Home page • Components • Wireless communication • System Poseidon® 868 MHz • Receivers • Switching receivers • P8 R 1 I

COMPONENTS

• SYSTEM POSEIDON® 868 MHz

RECEIVERS

DRIVING RECEIVERS

RECEIVERS FOR CONTROLLING THE ...

DEVICES FOR ACCESS SYSTEMS

SWITCHING RECEIVERS

RECEIVERS FOR WINDOW BLINDS

P8 R 1 I

One channel built-in receiver Poseidon®

♥ [Add to favorites](#)

❏ [Question about a product](#)



manufacturer: [ENIKA](#)

system:

ingress protection:

number of channels:

max. switching power:

maximum number of codes stored in the memory:

range:

installation:

max. operating temperature:

min. operating temperature:

series:

power supply:

output:

number of pieces in package:

In Stock: 25 PCS

Code: 304545

Price available on request

Out of stock

List of POSEIDON® system elements

Switching receivers



P8 R 1 I



P8 R 2 N



P8 R 2 N/K



P8 R 8 S3



P8 R 2 DIN



P8 R 4 DIN



P8 R 8 DIN



P8 R 2 U



P8 R 1 Time



P8 R 1 Tango



P8 R 1 Element

Dimming receivers



P8 R 4 DLA N



P8 R DALI IP



P8 R 01-10 N



P8 R D I



P8 R D I/LED

Receivers for window blinds



P8 R R I



P8 R 4R S



P8 R R Time



P8 R R Element



P8 R R Tango

Devices for access systems



P8 R 2 Pulse



P8 R 2 DIN AC



P8 TR 2 DIN ACC

Light controllers



P8 LR C



P8 LR W



P8 TR PSMR16



P8 TR PSMR16 HR



P8 LR HF



P8 LR HC



P8 LR HF DLM



P8 LR HC DLM

Movement sensors



P8 T PS W



P8 T PSMR16/A



P8 T PSMR16/A HR

Air quality sensors



P8 T CO2 MS



P8 T CO2 MR



P8 T CO2 TE



P8 T TempRH IP

Flood transmitter



P8 T AQ

Ethernet interface



P8 TR IP



P8 GWA DIN

Wall-mounted/mobile transmitter POSEIDON®



Selection



P8 T Keyboard



P8 T 2 (3,4,6,8) IP

Control terminal



AMR-OP87/P02



AMR-OP83



AMR-OP87 RevA

Antennas



P8 A INT1



P8 A INT2



P8 A EXT1



P8 A EXT2

Transmitters of input information



P8 TR 2C DIN



P8 TR 2U DIN

Application POSEIDON® City



Receivers POSEIDON® CITY



L8 R DALI NEMA



L8 R 0110 NEMA



L8 R DALI ZHAGA

Gateway POSEIDON® City



L8 GW
LOIP65OUTEU868



L8 GW
LOIP65INEU868

POSEIDON[®] control system



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