



# «Smart Home Technology» by Quadrobit:

security  
energy  
comfort

 quadrobit

# "Smart home" is an ecosystem of your home of your safety and comfort

**"Smart home" is no longer a luxury, it is a necessary tool for the safety of your housing and the safety of your beloved family members**

**"Smart Home" monitors the consumption of energy and heat, allows you to save on utility costs significantly and helps to make payments on time**

- You will no longer be worried because of an unplugged iron or flooded neighbors
- Pay the utility bills with one button
- Manage several objects - house, apartment, office in one application
- Save 30-40% on utility bills, using the Quadrobit intelligent assistant





## Quadrobit Smart Home Ecosystem



IP cameras with recording into the "cloud", intercom with 2-ways audio



Water leakage sensors, motorized water valves



Smoke and CO2 sensors



Door and window opening sensors



Air-conditioning and heating control



Weather station. It monitors temperature, humidity and lighting intensity



Remote control of audio and video appliance



Lighting remote control



Blinds and curtains opening system



Motion sensors



# How it works?

Cloud Services 24/7

Cloud Service Servers



ALARM NOTIFICATIONS 24/7



QuadroBit system sends alarm notifications via e-mail, SMS or phone, 24/7 to anyone you want

MANAGE YOUR HOME



Manage your "smart home" wherever you are with all modern devices through a user-friendly interface

## Product line of Quadrobit



HUB

### SECURITY



- IP Cameras
- Glass break sensor
- Doors/window opening sensor
- Motion sensor PIR
- Smoke / gas sensor
- Alarm button for immediate communication with owner and support services
- Electronic lock
- Siren
- Motorized water valve

### ENERGY ECONOMY



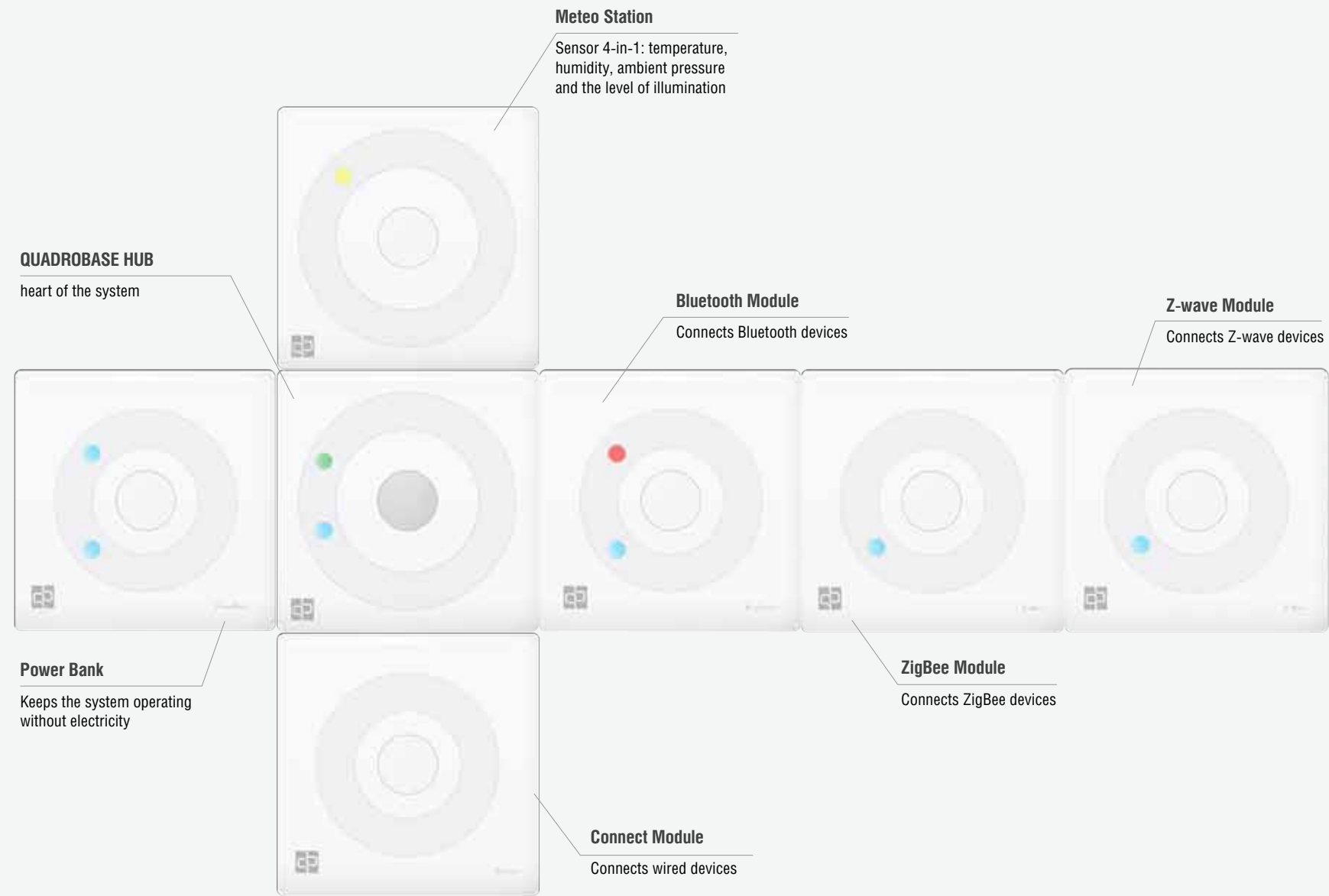
- Weather station
- Floor heating systems
- Boiler control
- Central heating thermostat
- Flood sensor
- Wireless socket

### COMFORT



- Remote switch
- Light relay
- IR transmitter /receiver
- Remote Control
- RGB-light bulb
- LED strip

# Modular system by QB-Connect Technology



QB-Connect is the system that allows you to connect all the modules of QuadroBit smart home as a designer, without wires, using unique magnet locks with universal data and power exchange protocol

# 3 category of Quadrobit system in one smartphone application



## SECURITY

- video recording
- entrance control
- prevention of fire, flooding, gas leakage
- alarms



## ENERGY ECONOMY

- optimal consumption of heat and energy to minimize costs



## COMFORT

- control of lighting, air conditioning, audio, video systems, gates



## Quadrobit for your family security



### PROTECTION FROM UNKNOWN GUESTS

The system will monitor your home through video recording and various sensors. In case of sudden doors / windows opening, or penetration of uninvited guests, the siren will immediately turn on, and you will receive an alarm message. The system will automatically block doors and call the police

### YOUR CHILDREN ARE UNDER CONTROL, WHEREVER YOU ARE

The system will help you to remotely monitor your children, help them do their homework, monitor their behavior, answer urgent questions through the camera and smart phone or computer





## Quadrobit for your family security



### HOME PETS MONITORING

Make sure that your pet does not harm the house during your absence. Watch him throughout the day using the camera, talk to and give voice commands using two-way communication system

### TAKE CARE FOR ELDERLY PARENTS

Take care of elderly relatives - they just have to say a couple of words, or just press the alarm button so you get a notification of what help they need

## Quadrobit for indoor security

### PROTECTION AGAINST INVASION IN YOUR ABSENCE

The system will allow you to establish a permanent room supervision. If an unwanted guest tries to enter the house, you will immediately know about it through an alarm signal, an online transmission and a video recording. The system responds to movement, opening windows and doors, turns on the siren, blocks the outputs and calls the police

### WATER LEAKAGE PREVENTION

If the water faucet fails during your absence, the system will immediately notify you of the accident and turn off the water supply to the premises

### PROTECTION AGAINST FIRE AND LEAKAGE

If there is a gas leak or smoke occurs in the room, the system will notify you in case of the danger, turn on the hood and open the windows, minimizing the damage and preventing fire



A composite image showing a close-up of a hand holding a white piggy bank on the left and a hand holding a small red and white toy house on the right. The piggy bank has a pink snout and closed eyes. The house has a blue roof and a red door.

## QuadroBit for saving the family budget

### FIXATION AND MONITORING OF ENERGY

The system records the counters\*, the dynamics of energy consumption and displays the statistics of consumption of electricity, gas, light, water and heat in a convenient and understandable online office

### ECONOMIC HEATING MODEL

Based on the dynamics of heat consumption, the software offers a personal algorithm that is optimal for your household. In your absence, heat will not be wasted

### OPTIMIZATION OF MUNICIPAL PAYMENTS

The system calculates and optimizes all utility payments based on tariff plans and your needs, optimizes the supply of electricity, gas, light, water and heat at a specific time for your home

### PAYMENT OF BILLS

To a convenient and understandable online account you can bind a payment card and make payments through the Internet, taking into account your local discounts



# Quadrobit for comfort

## MANAGEMENT OF LIGHTING AND HOUSEHOLD APPLIANCES

The system will turn off the light when you are away and turn it on when you come back. The work of the stove, washing machine, dishwasher and other household appliances is also controlled by the system - you no longer worry that you forgot to turn off the household appliance

## MANAGEMENT OF MULTIMEDIA DEVICES

Using a smartphone, computer or a single remote, you can remotely control TV, audio and video devices adjusting the sound and switching channels according to your desire

## BLINDS, CURTAINS, ROLLERS MANAGEMENT

For the most comfortable sleeping, you can adjust the optimal light level in the room. The system will close and open the blinds, curtains or shutters at the right time

## MONITORING OF THE OUTSIDE AREAS

According to the given algorithm, the system will adjust the timely watering of plants, and also help you control the opening of the gates and barriers





# Why Quadrobit?



**MANAGE DIFFERENT OBJECTS BY ALL MODERN DEVICES THROUGH A CONVENIENT INTERFACE**  
The system is compatible with iOS, Android, Windows / Mac OS, suitable for home, cottage, apartment, office, garage, car



**TAKE CARE OF YOUR BELOVED FAMILY**  
help older siblings, monitor the behavior of children and pets with a single device



**SAVE ON UTILITY BILLS PAYMENTS**  
The system will calculate and propose the most appropriate energy cost algorithm



**BE INDEPENDENT FROM POWER SUPPLY AND INTERNET**  
Thanks to the built-in GSM/GPRS module and an additional battery your smart home system is always online



**TRACK AND CONTROL YOUR COSTS**, pay the utility bills by one button through the built-in billing system

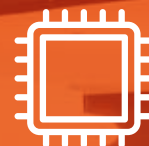
# Why Quadrobit?



GRANT DIFFERENT LEVELS OF ACCESS, CONTROL AND MANAGEMENT for different types of users (family members, housekeeper, security)



CONNECT YOUR ACCOUNT TO HOUSING DEPARTMENT OR LOCAL BUILDING-UTILITIES ADMINISTRATOR OFFICES, the system is compatible with various data transfer protocols



CONNECT THE DEVICES OF DIFFERENT MANUFACTURERS TO THE SMART SYSTEM, NOT QUADROBIT ONLY

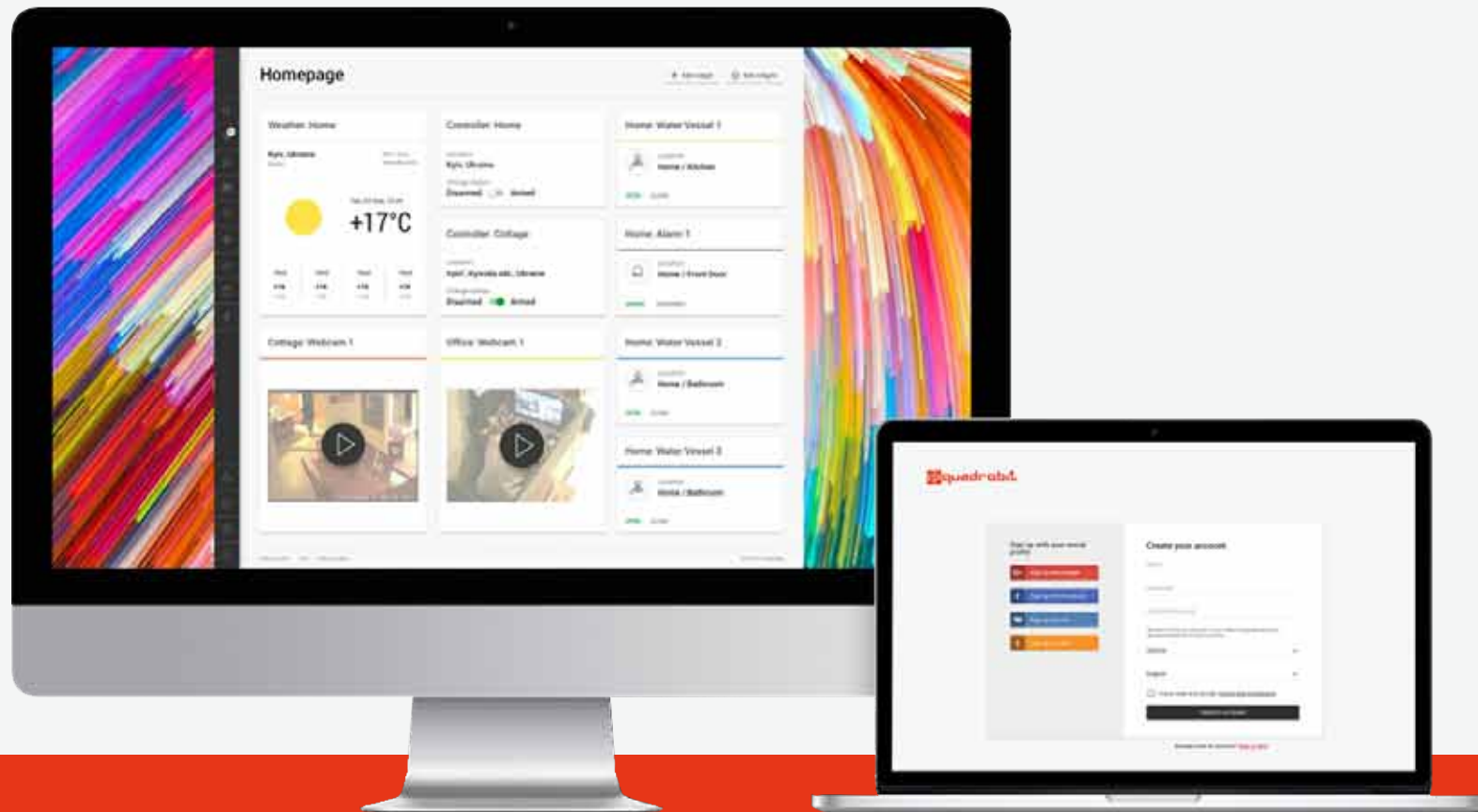


SAVE YOUR VIDEO FROM CAMERAS IN THE CLOUD. The system recognizes the faces and numbers of cars



CONNECT DEVICES WITH DIFFERENT INTERFACES:  
Wi-Fi, GSM, 433MHz, ZigBee, Z-wave, Bluetooth.

# Quadrobit principles



## SECURITY OF DATA IS HIGH PRIORITY

The system provides the maximum level of protection. Data is protected at the highest level by the TLS protocol, passwords are not disclosed and are not stored in open form

## EASY-TO-CONNECT AND SYSTEM CONTROL

Installation does not require the involvement of third-party specialists and technical skills. All sensors and modules are connected automatically. The system is easy to manage, even a child or an elderly person will do it

## UNIVERSAL SOFTWARE

Multiplatform system is compatible with all modern devices running on iOS, Android, Windows PC. In MY ACCOUNT there are 2 levels: extremely simple for a beginner, and the most functional for an advanced user



# SMART HOME TECHNOLOGY



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