HARDWARE CATALOG 2021

SERVICE MADE IN GERMANY

AI Trust Computing

ENHANCED GREEN POWER SENSORS

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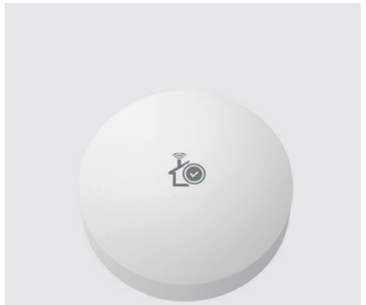
HARDWARE
FOR INDOOR & OUTDOOR

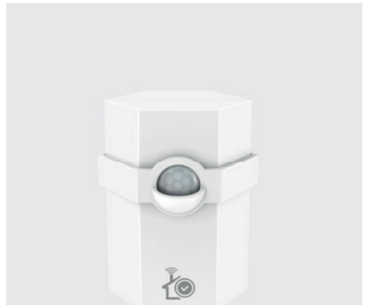


PUSH Button 8
Platform: NG05

Camera Indoor 12
Platform: SH02

Camera Indoor 16
Platform: NG10

Camera Outdoor 20
Platform: NG07



Motion Sensor 24
Platform: NG04

Door/Window Sensor 28
Platform: NG01

Temperature Sensor 32
Platform: NG03

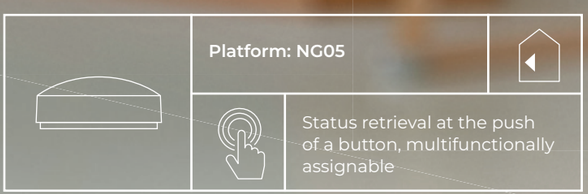
Water Leak Sensor 36
Platform: NG02

PUT Sensor 40
Platform: NG12

PLAY Sensor 44
Platform: NG30

PUSH BUTTON

Whether switching camera recordings on and off or communicating the building status via voice output, the PUSH button is a true multi-talent.
Permanently mounted or mobile: the wireless and battery-powered PUSH button can be placed wherever it is needed – even on difficult surfaces. Or you can simply carry it with you around the premises within reach of the gateway.

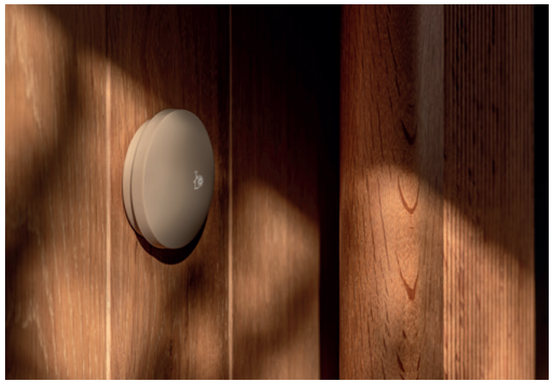


PUSH BUTTON

- Functions of sensors and cameras, e.g. start/stop recording, remote control
- Query the status of all sensors
- With rubber cover protected against splashing water on all sides (IP44) and suitable for outdoor use

The PUSH button with rubber cover in the color Aubergine

The PUSH button in splash-proof outdoor use with rubber cover in the color May Green



Discreet attachment of the PUSH button on wood with rubber cover in the color Cappuccino

The PUSH button with rubber cover as a lifestyle accessory with function in the color Canary Yellow

PLATFORM
NG05

CONNECTIVITY
Enhanced Green Power

POWER SUPPLY
1x 3.0 V CR2032 Battery

OPERATING TEMPERATURE
-10° to ≈ +50°C

BATTERY LIFETIME
Up to 3 years

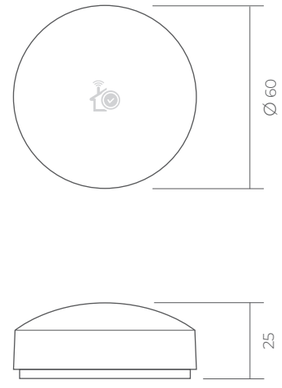
MEASUREMENT
Ø 60 x 25 mm

WEIGHT
33 g

FIXTURES
None or adhesive strips

Simplest one-push operation: one button, many functions

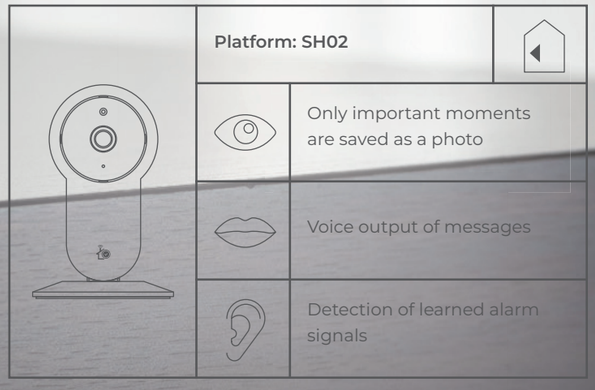
Scale 1:2



CAMERA

SH02

Keep an eye on all sensitive areas in the interior at all times.
The intelligent camera detects important changes in the image.
Alarm signals are detected with the built-in microphone. The
integrated speaker is used for voice output.



- Camera with infrared night vision function
- **New**: intelligent image analysis instead of video recordings without relevant content
- **New**: Camera can make hidden recordings with independent motion sensor
- **New**: integrated speaker for voice output for information or defense
- **New**: Microphone for intelligent alarm signal detection

Alarm signal detection

The camera in combination with the motion sensor expands the range of functions

The MagicPAD for tool-free mounting and dismounting of the camera on various surfaces

Cover for the camera lens for privacy without interfering with the speaker and microphone function

PLATFORM
SH02

RESOLUTION / VIEW ANGLE
2 MP / 85° hor., 85° vt.

CONNECTIVITY
W-LAN 2,4 GHz

MICROPHONE / SPEAKER
Yes / Yes

INFRARED NIGHT VISION
Up to 5 m

OPERATING TEMPERATURE
0° to +40°C

POWER SUPPLY
Mains current

MEASUREMENT
Ø 78 x 117 mm
Cable length ≈ 150 cm

WEIGHT
98 g

CONNECTORS
- microSD Slot
- Micro-USB (Power supply)
- Reset button

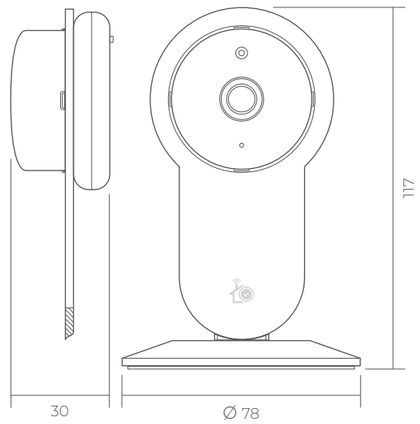
FIXTURES
Adhesive strips

Freely lockable tilt joint

Powerful speaker with built-in microphone

Optional usable mounting plate

Scale 1:2

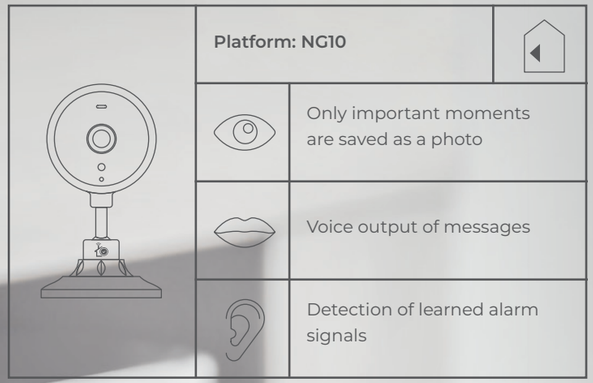


CAMERA

NG10

With the newly developed, robust 360° stand, positioning this camera in any corner of a room is easy.

The intelligent camera detects important changes in the image. Alarm signals are detected with the built-in microphone. The integrated speaker is used for voice output.



Small, smart, inconspicuous

The cover for the camera lens can be used temporarily or permanently

- The youngest member in our camera family
- Extended angle of view
- **New**: flexible 360° positioning
- **New**: improved image quality
- **New**: next generation speaker and microphone technology

Alarm signal detection

Camera in cooperation with a motion sensor – more depth of information saved

PLATFORM
NG10

RESOLUTION / VIEW ANGLE
2 MP / 97° hor., 97° vt.

CONNECTIVITY
W-LAN 2,4 GHz

MICROPHONE / SPEAKER
Yes / Yes

INFRARED NIGHT VISION
Up to 5 m

OPERATING TEMPERATURE
-10° to ≈ +40°C

POWER SUPPLY
Mains current

MEASUREMENT
72 x 124 mm
Cable length ≈ 150 cm

WEIGHT
111 g

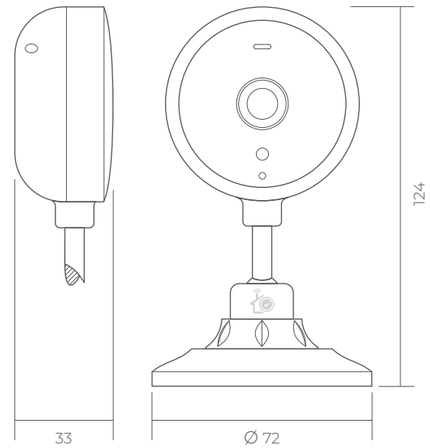
CONNECTORS
- microSD Slot
- Micro-USB (Power supply)
- Reset button

FIXTURES
Adhesive strips

Combined ball and swivel joint up to 110° tilt and 360° rotation

Powerful speaker with built-in microphone

Scale 1:2

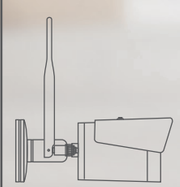


CAMERA

NG07

Keep an eye on the outside of your business at all times with an 82° viewing angle.

Thanks to artificial intelligence, the camera can distinguish important and unimportant events and only informs you when relevant changes are detected in the image.



Platform: NG07	
	Only important moments are saved as a photo
	Voice output of messages
	Detection of learned alarm signals

Easy to attach to almost any wall

- The smart camera now also for outdoor use
- **New**: special focal length for monitoring outdoor facilities
- **New**: next generation speaker and microphone technology
- **New**: IP65 dustproof and protected against water jets from any angle

Alarm signal detection

Camera stand for mounting and dismounting the camera on various surfaces without tools

PLATFORM
NG07

RESOLUTION / VIEW ANGLE
2 MP / 82° hor., 82° vt.

CONNECTIVITY
W-LAN 2,4 GHz

MICROPHONE / SPEAKER
Yes / Yes

INFRARED NIGHT VISION
Up to 15 m

OPERATING TEMPERATURE
-10° to ≈ +50°C

POWER SUPPLY
Mains current

MEASUREMENT
74 x 79 x 162 mm
Cable length ≈ 270 cm

WEIGHT
515 g

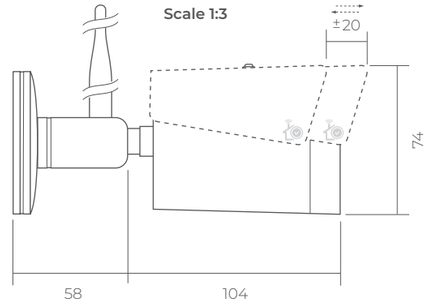
CONNECTORS
- Reset button
- USB (A) 2.0

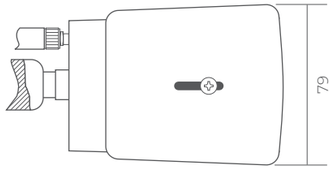
FIXTURES
Screws

Infrared night vision function

Powerful speaker with built-in microphone

Water repellent





IP65 · RoHS COMPLIANT · REACH-SVHC TESTED

MOTION SENSOR

Detect movement inconspicuously and be notified in seconds.

The highly sensitive infrared motion sensor reliably detects any movement indoors and is as inconspicuous as a lifestyle accessory.

MOTION SENSOR

Mounting the motion sensor with the MagicPAD

Small and discreet

Reliably detects movements and is the optimal complement to a camera

- Highly sensitive infrared sensor for motion detection
- Sends notifications to your smart-phone when motion is detected
- In combination with a camera you get a photo on your smart-phone within seconds

MOTION SENSOR

PLATFORM
NG04

VIEW ANGLE
80° hor., 80°vt. (40° with shielding)

SENSING DISTANCE
Up to 5 m

CONNECTIVITY
Enhanced Green Power

INFRARED NIGHT VISION
Yes

OPERATING TEMPERATURE
-10° to ≈ +50°C

POWER SUPPLY
2x 1.5 V AA Battery

BATTERY LIFETIME
Up to 3 years

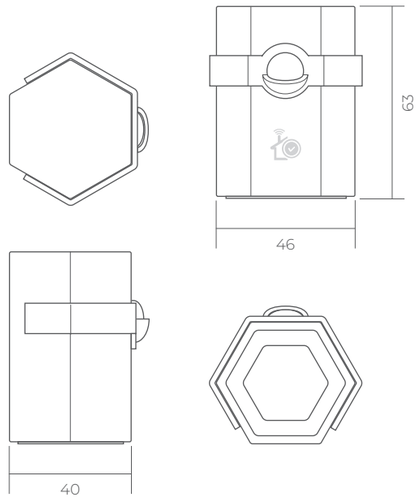
MEASUREMENT
63 x 46 x 40 mm

WEIGHT
90 g

FIXTURES
None

Regulation of sensitivity (e.g. insects) by sensor shielding

Scale 1:2



DOOR / WINDOW SENSOR

With our door/window sensor, you can easily and reliably monitor important doors and windows. File cabinets and restricted access areas can also be secured with this sensor. In doing so, you determine yourself whether you want to be notified about opening or closing.

DOOR/WINDOW SENSOR

Simple, discreet attachment to windows and doors

- Magnetic sensor to control items that can be opened and closed
- Immediately sends a notifiction to your smartphone when the open/close status changes
- Can output an indication as a voice message in combination with a camera in the event of a change of state

Secures not only doors and windows, but also cabinets and drawers

The door/window sensor as a power-saving aid on the refrigerator

DOOR/WINDOW SENSOR

PLATFORM
NG01

CONNECTIVITY
Enhanced Green Power

OPERATING TEMPERATURE
-10° to ≈ +50°C

POWER SUPPLY
1x 3.0 V CR2032 Battery

BATTERY LIFETIME
Up to 3 years

MEASUREMENT
60 x 43 x 12 mm

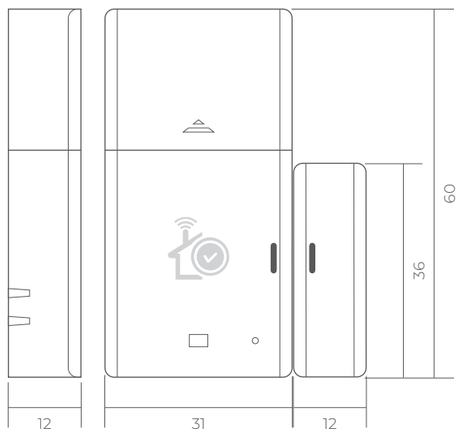
WEIGHT
24 g

FIXTURES
Adhesive strips

Reliable magnetic sensor technology

Long battery life, easy maintenance

Scale 1:1



TEMPERATURE SENSOR

Keep an eye on temperature changes in heat- or cold-sensitive areas at all times.

With our temperature sensor, you can easily and reliably monitor sensitive areas and receive direct notification when the defined temperature range is exceeded.

TEMPERATURE SENSOR

- Sensor for temperature monitoring in closed rooms
- Immediately sends a notification to your smartphone when the temperature exceeds or falls below the defined range
- In combination with a camera, can issue an alert as a voice message in the event of an overshoot/undershoot

Easy monitoring of the room temperature

Easy to attach with included adhesive strips – even on uneven surfaces

TEMPERATURE SENSOR

PLATFORM
NG03

CONNECTIVITY
Enhanced Green Power

OPERATING TEMPERATURE
-10° to ≈ +50°C

POWER SUPPLY
1x 3.0 V CR2032 Battery

BATTERY LIFETIME
Up to 2 years

MEASUREMENT
60 x 31 x 12 mm

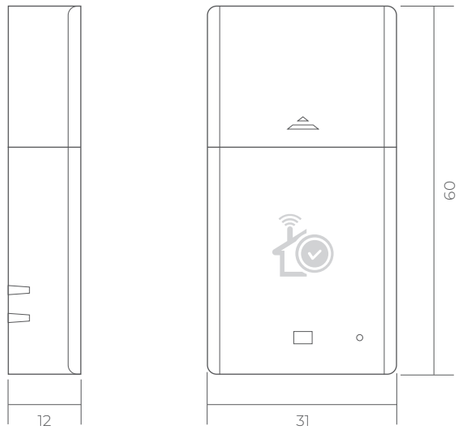
WEIGHT
18 g

FIXTURES
Adhesive strips

Reliable, precise technology, uncomplicated operation

Long battery life, easy maintenance

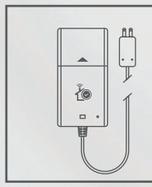
Scale 1:1



WATER LEAK SENSOR

Be automatically informed about leaking water or critical water levels.

Too much water or no water? You can decide what you want to keep an eye on.



Platform: NG02

Detection of leaking liquids

WATER LEAK SENSOR

Monitoring of water levels with notification function

Detect leaking liquids in time

- Sensor for detection of fluid leakage/lack of fluid
- Immediately sends a notification to your smart phone when a fluid leakage/lack of fluid is detected
- In combination with a camera, can issue an alarm as a voice message in the event of fluid leakage/lack of fluid

WATER LEAK SENSOR

PLATFORM
NG02

CONNECTIVITY
Enhanced Green Power

OPERATING TEMPERATURE
-10° to ≈ +50°C

POWER SUPPLY
1x 3.0 V CR2032 Battery

BATTERY LIFETIME
Up to 3 years

MEASUREMENT
60 x 31 x 12 mm
View Angle ≈ 110 cm

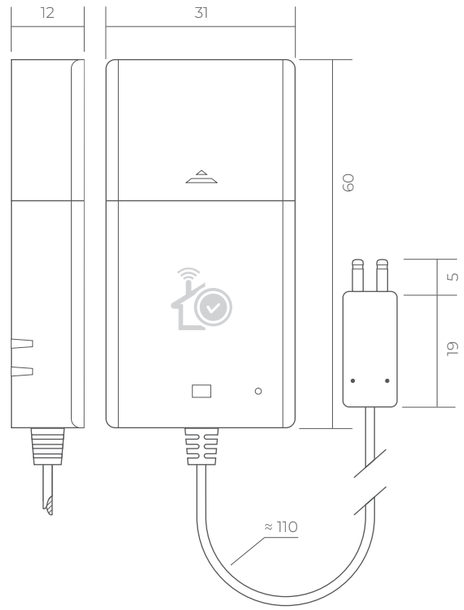
WEIGHT
27 g

FIXTURES
Adhesive strips

Metal contacts

Long battery life,
easy maintenance

Scale 1:1



PUT SENSOR

Perhaps the smartest scale in the world.
With the PUT sensor you can easily detect over/under weight.

	Platform: NG12	
	KG	Detection of weight changes

PUT SENSOR

Detect level undershoot
based on measured weight

- Sensor for measuring weight up to 5 kg with exchangeable carrier plate made of different materials
- Immediately sends a notification to your smartphone when weight over/under is detected
- In combination with a camera, can issue an alert as a voice message when the weight is exceeded/fallen short of

Interchangeable carrier plate in various colors and materials

Modern and sleek design

PUT SENSOR

PLATFORM
NG12

CONNECTIVITY
Enhanced Green Power

OPERATING TEMPERATURE
-10° to ≈ +40°C

POWER SUPPLY
2 x 3.0 V CR2032 Battery

BATTERY LIFETIME
Up to 1 year

MEASUREMENT
Ø 125 x 19 mm

WEIGHT
165 g

FIXTURES
None

Replaceable carrier plate in wood look

Weigh up to 5 kg in precise 1 g increments

Scale 1:2

PLAY SENSOR

The smart speaker with built-in microphone to detect alarm signals and output voice messages.

	Platform: NG30	
	Voice output of messages	
	Detection of learned alarm signals	

PLAY SENSOR

- Microphone to detect alarm signals and send notification to the smartphone of the person in charge
- Speaker to output voice messages, e.g. when the status of a sensor changes
- Immediately sends a notification to your smart phone when an alarm signal is detected

PLAY in combination with a door/window sensor

PLAY for the detection of alarm signals

PLAY with the H80 Gateway

PLAY SENSOR

PLATFORM
NG30

CONNECTIVITY
USB

MICROPHONE / SPEAKER
Yes / Yes

OPERATING TEMPERATURE
-10° to ≈ +40°C

POWER SUPPLY
Passive via Gateway (Micro-USB)

MEASUREMENT
Ø 60 x 32 mm
View Angle 1 ≈ 25 cm
View Angle 2 ≈ 150 cm

WEIGHT
55 g

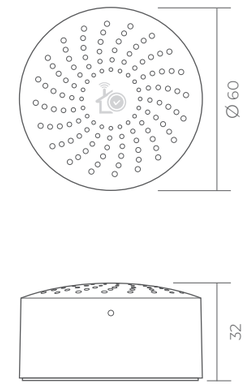
CONNECTORS
- Micro-USB (Power supply)

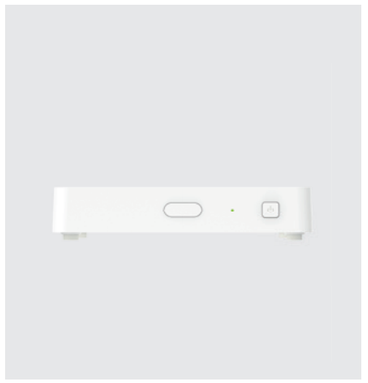
FIXTURES
None or adhesive strips

Speaker openings

Micro-USB port

Scale 1:2





Gateway 50
Platform: H38

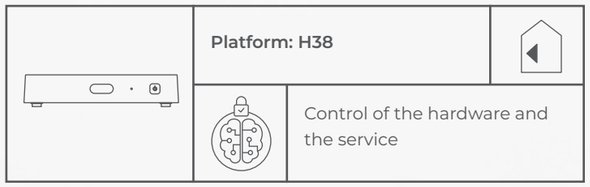
Gateway 54
Platform: H80

GATEWAY

H38

The intelligent gateway is the central controller to which the cameras and sensors are connected.

All camera and sensor data is analyzed on the gateway so that only relevant data is processed further.



GATEWAY

- Connect up to 40 sensors and three cameras
- Artificial intelligence for the recognition of alarm signals
- Filters irrelevant information, notifies you within seconds and ensures that you never miss an important moment again

Gateway in combination with the door /window sensor

Gateway with PUSH button

Gateway with Camera and PLAY

PLATFORM
H38

CONNECTIVITY
- Enhanced Green Power
- LAN
- USB

OPERATING TEMPERATURE
0° to +40°C

POWER SUPPLY
Mains current

MEASUREMENT
35 x 170 x 122 mm

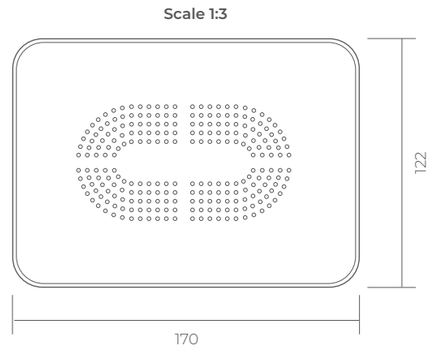
WEIGHT
245 g

CONNECTORS
- DC IN
- microSD Slot
- RJ45 (10/100 MBit)
- Service Port (3.5 mm)
- 2x USB (A) 2.0

Gateway front panel with on/ off button and status LED

Gateway back side with connections

Scale 1:3



GATEWAY

H80

The intelligent gateway is the central controller to which the cameras and sensors are connected.

All camera and sensor data is analyzed on the gateway so that only relevant data is processed further.

	Platform: H80	
	Control of the hardware and the service	

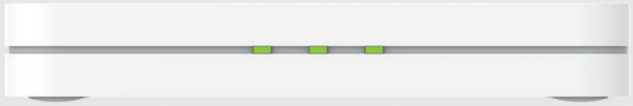
GATEWAY

- Connect up to 80 sensors and five cameras
- Artificial intelligence for the recognition of alarm signals and persons
- Filters irrelevant information, notifies you within seconds and ensures that you never miss an important moment again

Gateway with motion sensor

Gateway and Camera

Gateway and PLAY



PLATFORM
H80

CONNECTIVITY
- Enhanced Green Power
- LAN

OPERATING TEMPERATURE
0° to +40°C

POWER SUPPLY
Mains current

MEASUREMENT
27 x 170 x 120 mm

WEIGHT
235 g

CONNECTORS
- Audio Port (3.5 mm)
- DC IN
- microSD Slot
- Reset button
- RJ45 (10/100 MBit)
- Service Port (2.5 mm)
- USB (A) 2.0
- USB (A) 3.0

Gateway back side with reset button

Gateway back side with connections

ACCESSORIES

Holder for Motion Sensor 60
Model: NG97.09

MagicPAD for Sensors 64
Model: NG97.01

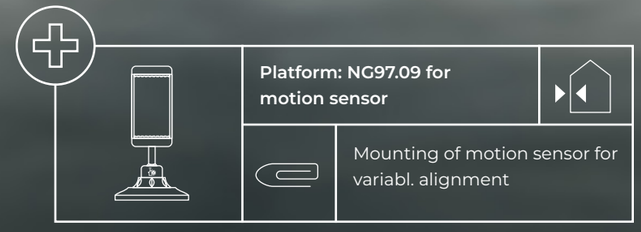
Cover for Camera Lens 68
Productnumber: 3E96.10.AA

Stand for Camera Outdoor 72
Model: NG97.06

Rubber Cover for PUSH Button 76
Various colors

HOLDER FOR MOTION SENSOR

The holder for the motion sensor enables quick and easy mounting of the sensor on walls and inaccessible places.



HOLDER FOR MOTION SENSOR

Attachment of the motion sensor in difficult places

- Wall bracket to hold the motion sensor
- Suitable for indoor and outdoor use
- Increases the monitoring radius

Discreet mounting of the sensor on the wall

HOLDER FOR MOTION SENSOR

MODEL
NG97.09

MEASUREMENT
Ø 72 x 129 mm

WEIGHT
81 g

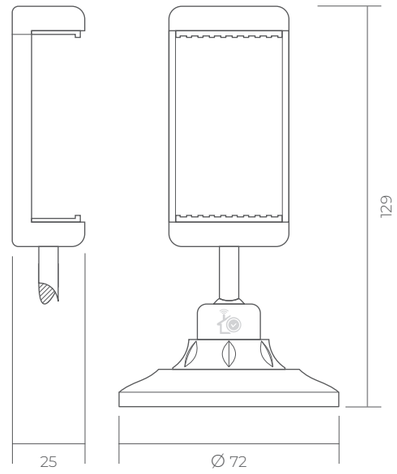
FIXTURES
Screws

Combined ball and swivel joint up to 110° tilt and 360° rotation

The clamp can be screwed horizontally and vertically on the base

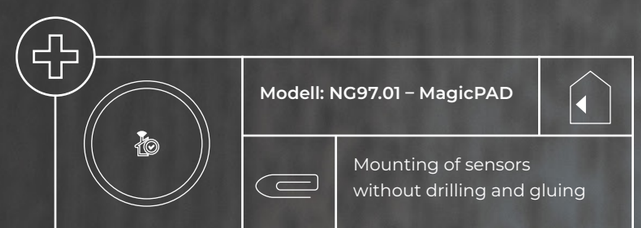
Water repellent

Scale 1:6



MAGICPAD FOR SENSORS

The reusable silicone pad adheres to various surfaces and allows you to mount cameras and sensors without tools.



MAGICPAD FOR SENSORS

- Self-adhesive pad for mounting sensors and cameras on various surfaces
- Can be cleaned with water and reused
- Adheres to surfaces made of glass, wood and metal, among others

Mounting the motion sensor on wood with the MagicPAD

Fixing the PUSH button on glass with the MagicPAD

Fixing the temperature sensor on woodchip wallpaper with the MagicPAD

MAGICPAD FOR SENSORS

MODEL
NG97.01

OPERATING TEMPERATURE
-10° to ≈ +40°C

MEASUREMENT
Ø 80 x 3 mm

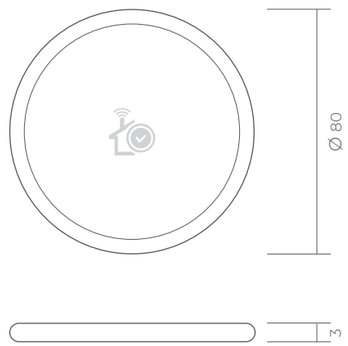
WEIGHT
14 g

FIXTURES
Self-adhesive

Tool-free mounting on various surfaces

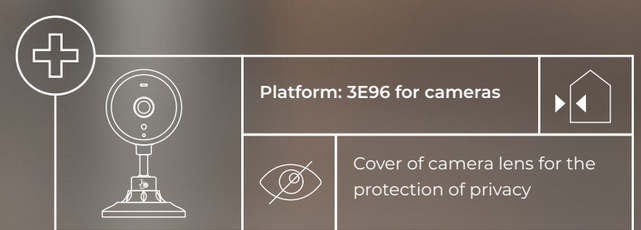
Washable and reusable

Scale 1:2



COVER FOR CAMERA LENS

Visible privacy protection without limiting other camera functions. Reusable and compatible with all camera models.



COVER FOR CAMERA LENS

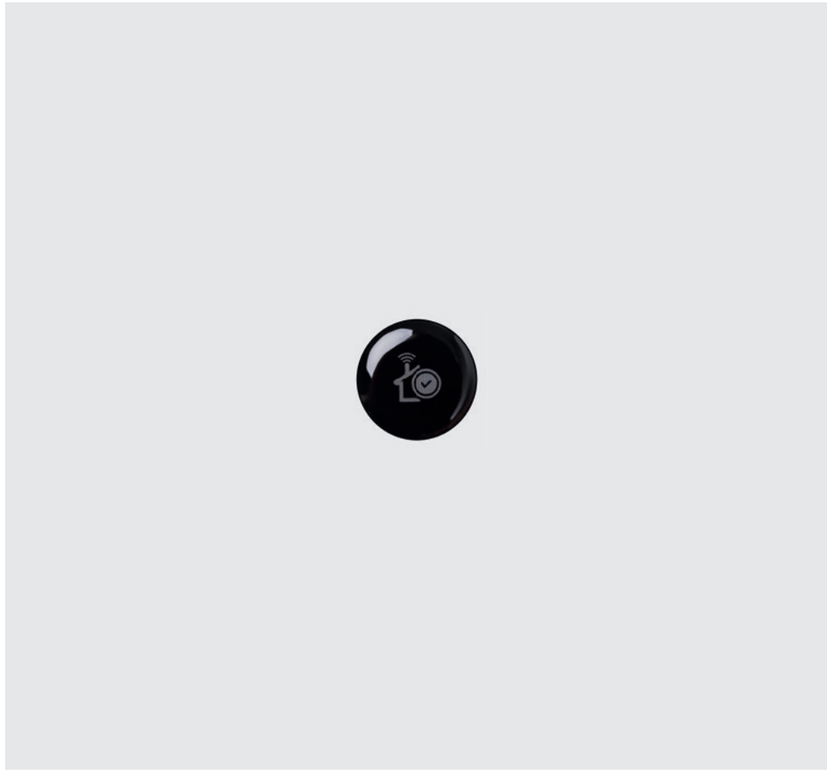
- Camera cover for visible privacy protection
- Unrestricted use of the alarm detection and voice output function
- Reusable and compatible with all camera models

Cover of SH02 camera lens

Self adhesive and reusable

Cover of NG07 camera lens

COVER FOR CAMERA LENS



PLATFORM
3E96 for cameras

MEASUREMENT
Ø 20 x 2 mm

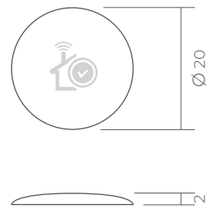
WEIGHT
1 g

FIXTURES
Adhesive surface

Covers in double sheet

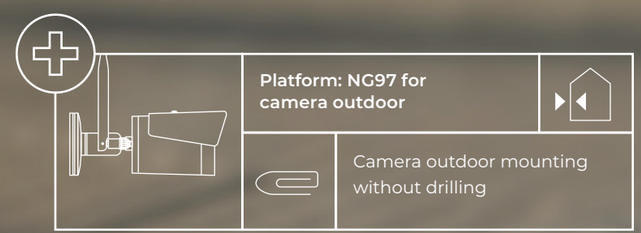
Water repellent

Scale 1:1



STAND FOR CAMERA OUTDOOR

Height adjustable camera Stand for indoor and outdoor, compatible with outdoor camera.



STAND FOR CAMERA OUTDOOR

Height adjustable

Use on an lawn

Unobtrusive mounting of the camera in a flower pot

- Height adjustable camera stand for indoor and outdoor use
- Compatible with the camera for outdoor
- Impact tip for stucking into lawn and gravel bed

STAND FOR CAMERA OUTDOOR

PLATFORM
NG97 for camera outdoor

MEASUREMENT
Ø 75 x 650 to 1150 mm

WEIGHT
340 g

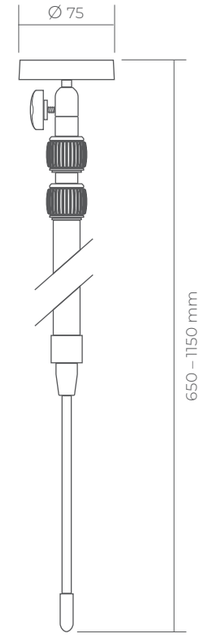
FIXTURES
Stucked in or tied on

Secure mounting of the camera by screwing it to the base plate

Replaceable base plate

Water repellent

Scale 1:6



RUBBER COVER FOR PUSH BUTTON

Sturdy rubber cover for the PUSH button to protect against splashing water from all sides (IP44) and suitable for outdoor use.

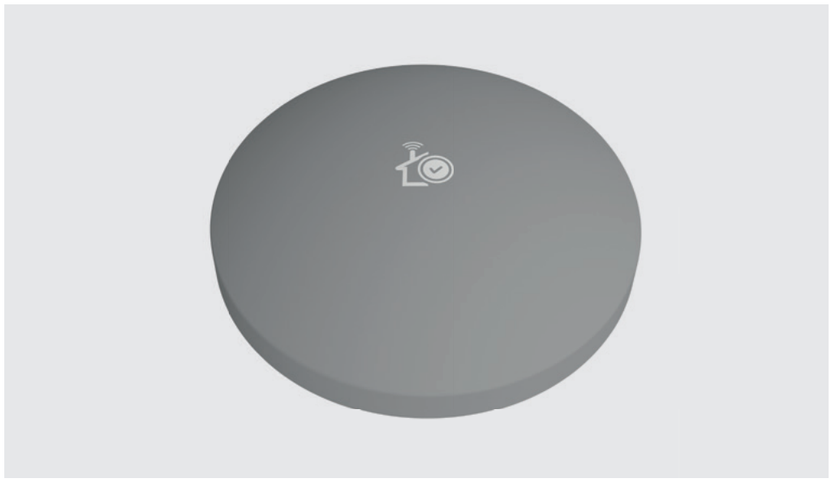
RUBBER COVER FOR PUSH BUTTON

PUSH rubber cover in the colors
Cappuccino and Aquamarine

PUSH rubber cover in the colors Pink and Pale Lime

- Sturdy rubber cover for the PUSH button
- Variety of colors for any environment
- Protection against splashing water on all sides (IP44) and suitable for outdoor use

RUBBER COVER FOR PUSH BUTTON



PLATFORM
NG97 for PUSH button

OPERATING TEMPERATURE
-10° to ≈ +50°C

MEASUREMENT
Ø 75 x 30 mm

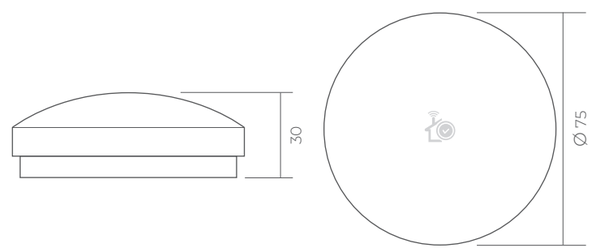
WEIGHT
39 g

FIXTURES
None or adhesive strips

Suitable for outdoor

Protection against
splashing water
from all sides (IP44)

Scale 1:2



Cappuccino	Pink	Grey
Corall	Lilac	
Pale Lime	Canary Yellow	
May Green	Dark Blue	
Aquamarine	Aubergine	
Light Cyan	Deep Purple	

All color specifications without guarantee – deviations possible.

SYMBOLS MARK OF CONFORMITY

The following table contains a generally non-binding description of symbols and mark of conformity.
The mark of conformity are placed on the products according to testing and testing possibility.

Symbol Mark of conformity	Description
CE	CE/RED – Product with this marking is subject to the applicable CE/RED directives of the EU
	WEEE Directive 2012/19/EU This device is subject to the regulation of waste equipment disposal
RoHS COMPLIANT	RoHS – Restriction of the use of certain Hazardous Substances in electrical and electronic equipment
REACH-SVHC TESTED	REACH-SVHC – Chemical composition tested according to EU Directive 2018/851 and EU Directive 1907/2006
	MIC/TELEC This device is subject to wireless product certification in Japan
RCM	RCM – reliability-oriented maintenance This device is subject to RCM - Reliability Centered Maintenance
IP44	IP44 This device is protected against solid foreign bodies with diameter ≥ 1.0 mm, protected against access with a wire, protection against splash water from all sides
IP65	IP65 This device is dustproof, full protection against contact, protection against water jets (nozzle) from any angle

Symbol Mark of conformity	Description
	suitable for indoor use
	suitable for indoor and protected outdoor use
	Good to know
	Accessories for hardware expansion
	Further, additional information

Hardware Catalog – Edition April 2021

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