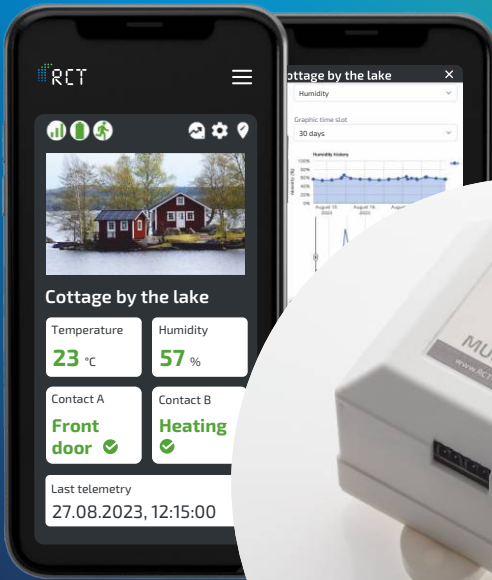# MULTIview

Mobile monitoring of rooms, objects and operating states

○ Ideal for vacation homes, containers, warehouses, production halls, refrigeration rooms, trucks or mobile homes, garden and greenhouses

○ Usable everywhere self-sufficiently without 230V power connection

Remote Control Technology

RCT. Simplify monitoring.

RCT

5 conditions perfectly in view

MOVEMENT
- High-sensitivity motion sensor | 360°
  e. g. interior monitoring, break-in

TEMPERATURE
- Integrated temperature sensor
  -40 °C ... +125 °C | ± 1 °C
  e. g. to monitor heating and cooling
  systems or temperature sensitive
  outdoor applications

HUMIDITY
- Integrated humidity sensor
  0 ... 100 % RH | ± 4 % RH
  e. g. monitoring greenhouses
  and warehouses

A CHOICE OF 2 ALARMS
- Freely usable inputs for
  connecting potential free
  switches for alarms
  e. g. door and window contacts
  (break-in), heating and air condition
  failure, power outage and many more

POWER FAILURE (available as accessory)
- Optional adapter for connecting an
  alarm contact with a 230 V power socket
  to detect a power outage

MULTIview.
Your mobile monitoring solution for fast and
easy remote monitoring: of rooms, objects
and operating states.

Simple. Mobile. Informed.

(+) SIMPLE PLUG-AND-PLAY
Wireless, battery powered*, pre-configured with SIM
card ready for immediate use.

(+) USABLE EVERYWHERE MOBILE AND FLEXIBLE
Receive measurement data and alarms conveniently
on your smartphone, tablet or PC. Get important
messages via push and mail.

(+) INFORMED RELIABLY
Periodical reporting of the current measured values.
Alarms at individually definable limit values and
events. History data and graphics of humidity and
temperature.

*Battery pack
up to 2 years
lifetime depen-
ding on trans-
mitting frequency

Everything under control on PC or mobile

All messages from the MULTIview are sent directly to the RCT server and are available to you in full on your PC, smartphone or tablet: information on humidity, temperature and movement as well as alarms in case of an event or when limit values are reached.
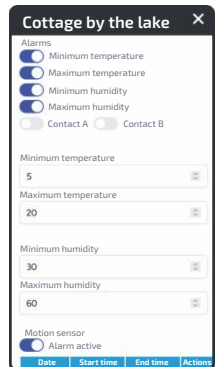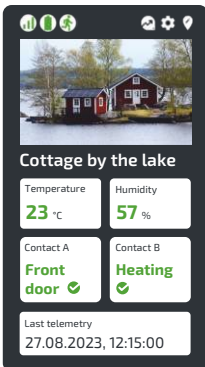
OVERVIEW
- Clear overview of current measured values and alarms

COMPARISON
- Graphical or tabular presentation of history data

INDIVIDUAL CUSTOMIZATION
- Simple self-explanatory configuration of limit values and alarm parameters

Cottage by the lake

Temperature	Humidity
23 ℃	**57** %

Contact A	Contact B
Front door ✓	**Heating** ✓

Last telemetry
27.08.2023, 12:15:00

Cottage by the lake ✕

Humidity

Graphic time slot
30 days

Humidity history

Cottage by the lake ✕

Alarms
- Minimum temperature
- Maximum temperature
- Minimum humidity
- Maximum humidity
- Contact A   Contact B

Minimum temperature
5
Maximum temperature
20

Minimum humidity
30
Maximum humidity
60

Motion sensor
Alarm active

Date	Start time	End time	Actions

And this is how it works

MULTIview can be used instantly in almost any location –
even where no power connection is available. Simply
place it in the detection area or attach it to the wall or
ceiling using a magnetic holder.

MOTION SENSOR DETECTION RANGE

- All-round detection: 360°
- Range: 2 m
- With wall mounting
  horizontal range: 12 m

360°

up to 2 m

Wall mounting
e. g. with magnetic holder

up to 2 m

up to 12 m

up to 2 m

RCT
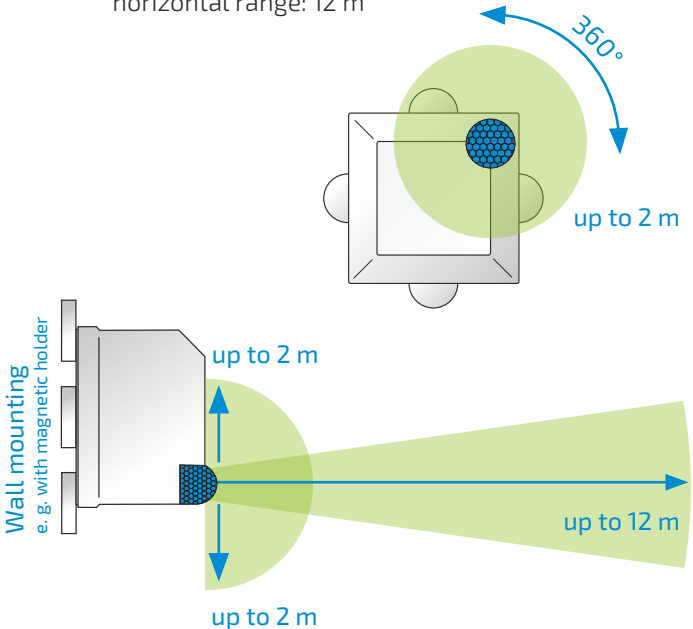
1 SET UP VIA PC OR SMARTPHONE

- Open a web browser on a PC or mobile device and enter URL „**multiview.r-c-t.biz**" in the address bar

- Register/log in user with mail address

- Register product using security key

2 CONFIGURE INDIVIDUAL SETTINGS

- Enable/disable sensor messages

- Define limit values and alarm reasons

- Select transmission times for status messages and much more

3 ACTIVATE MULTIVIEW

- Insert enclosed SIM card from RCT

- Attach MULTIview to battery pack = active

- Device retrieves set parameters

- Configured status messages and alarms are sent

RCT WEB APP — LOGIN / SET UP

SIM — MULTIview / PLUG / Batterie
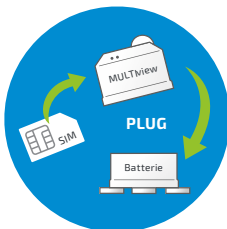
PLAY

Simply plug and play

⊕ ACTIVATE OR PAUSE AS NEEDED

Once set up, you can activate the MULTIview any-time and anywhere simply by plugging it to the battery or deactivate it by disconnecting. All settings remain stored while the unit waits for its next use. Or you can use the internal calendar to activate the MULTIview on specific days/times.

⊕ FLEXIBLE RECEPTION

The set contains a prepared SIM card from RCT in best Telekom network quality. No need to search for a suitable provider. Immediately usable. Data reception possible at any mobile device/PC with web access.

Card slot for SIM card

Battery pack

Contact pin for battery

RCT
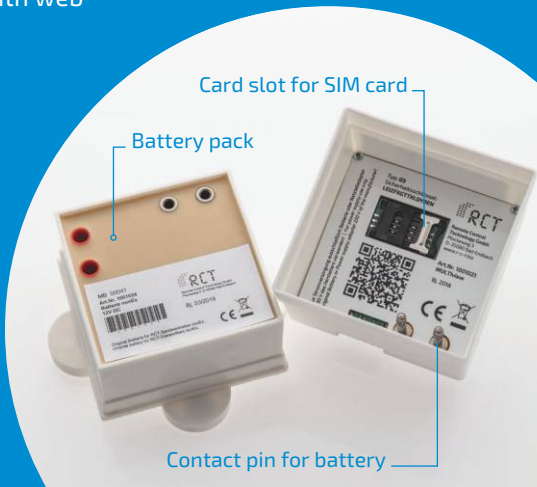
MULTIview – Ideal for properties that are temporarily unoccupied, such as a vacation or second residence, garden house or mobile home

Heating failure
via fault alarm contact

Opening of door or window
via door/window contact (accessory)

Movement in the inside area
in detection range

Temperature and humidity
status, history, alarm in case of exceeding/falling below limit values

Power failure
via power failure indicator (accessory)

Heating failure and freezing risk in the vacation home?

The temperature is sub-zero and suddenly the heating breaks down? If no one notices, there is an enormous risk of damage, e.g. from frozen water pipes. Thanks to MULTIview, you know at an early stage and can take targeted preventive steps before it becomes expensive.

Uninvited guests in the summer house or mobile home?

Whether it's a human or an animal - MULTIview informs you immediately when it detects movement indoors (in the detection area) or when a door or window contact is switched (accessory).

Cottage by the lake

Last telemetry 05.09.2023, 00:03:38 (14 hours ago)	**Status**
Temperature 23°C	**Humidity** 57%
Contact A **Light garden** ✓	Contact B **Front door** ✓

Alarms in the last 2 days (0)
✓

Temperature (°C)

Marcel

23

Humidity (%)

Marcel

54

RCT
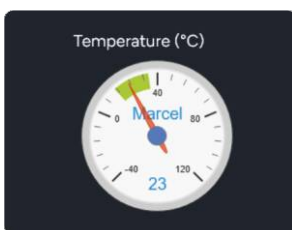
MULTIview - Ideal for trade, craft and transport businesses, e.g. for container, office room, green house, refrigeration room, transport vehicles

News from the loading platform or the warehouse?

Whether it's a 40-ton truck, a refrigerated transporter or a craftsmen's vehicle: MULTIview keeps a constant eye on the load, machines and equipment and alerts immediately if anyone tries to steal something. The stored goods require a certain temperature and humidity? MULTIview warns you as soon as the set limit values are exceeded or not reached and automatically documents the history.

It's too cold and too dry for your plants!

All-round ideal growing conditions for sensitive plants: With MULTIview, you can keep an eye on temperature and humidity. You are alerted when it is too cold, the air conditioning fails or if the windows should be opened due to overheating.
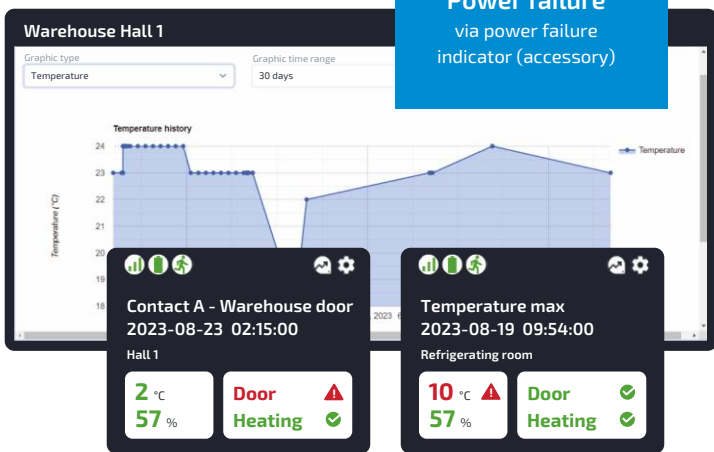
Movement in the inside area
in detection range

Opening of door or window
via door/window contact (accessory)

Temperature and humidity
status, history, alarm in case of exceeding/falling below limit values

Heating/air conditioning
via fault alarm contact

Power failure
via power failure indicator (accessory)

Warehouse Hall 1

Graphic type
Temperature

Graphic time range
30 days

Temperature history

Temperature

Contact A - Warehouse door
2023-08-23 02:15:00

Hall 1

| 2 °C | Door | ⚠ |
| 57 % | Heating | |

Temperature max
2023-08-19 09:54:00

Refrigerating room

| 10 °C ⚠ | Door | ✓ |
| 57 % | Heating | ✓ |

RCT. Simplify monitoring.

RCT

MULTIview - Ideal for caretaker services and facility management in public buildings and commercial properties

Is everything working?

In a commercial building, a school or a public facility, the caretaker is not present on site at all times. If there is a problem with the heating, air conditioning or a technical system, or if there is even a power failure, MULTIview informs the responsible person directly and without delay so that measures can be taken immediately.

Alarm in case of failures
via fault alarm contact

Alarm when limit values are reached

Automatic documentation of the history of all faults, operating states, temperatures and humidity

Tank contents, meter readings,
energy resources and consumptions?

More monitoring solutions on:
www.r-c-t.biz

RCT
LEVELview

With LEVELview,
you can also easi-
ly keep an eye on
the fill level of
tanks, containing
heating oil, liquid gas or
water, via Web & App.
This enables you to know your
energy reserves at all times and have your consump-
tions precisely under control.

RCT METERview

The stand-alone trans-
mitter unit METERview
can be easily retro-
fitted to existing gas
meters. In this way,
not only the meter
reading but also the
consumption can be
continuously and auto-
matically documented as
well as monitored and analyzed
at any time via Web & App.

Notification parameter	Alarm on/off	Further setting options
Temperature -40 °C ... +125 °C	●	Min. + Max. limit value
Rel. humidity 0 ... 100 % rh	●	Min. + Max. limit value
Motion sensor	●	Time period for activity
External alarm 1 (contact)	●	
External alarm 2 (contact)	●	
Battery alarm	Always on	
Status notification	Individual transmitting interval	
Positioning	Triangulation via dial-in nodes	

General technical specifications

Power supply	• RCT Battery pack (inclusive) • alt. Power supply adapter 230 V for wired power supply (in accessories)
Battery-lifespan	Up to 2 years, depending on frequency of notifications
Operating temperature	-10 °C to +40 °C
Construction	UV-resistant plastic housing
Dimensions	Approx. 107 x 107 x 80 mm (LxWxH)
Mounting	As required on the wall or ceiling with magnetic mount or 2 screws
Area of application	In enclosed rooms
Configuration	Via Web App on PC/mobile device

Sending and Receiving

Data transfer	GPRS (GSM cellular standard)
SIM card (GSM)	Pre-configured standard SIM card (mini SIM 2FF), Telekom Deutschland mobile network, including 2 years of free use
Data reception	Web App on Smartphone/Tablet/PC

Included in delivery

1001027 MULTIview transmitter with RCT battery pack, magnetic wall mount, instruction manual, free use of the RCT Web App, pre-configured SIM card (mini SIM 2FF, Telekom Deutschland mobile network, including 2 years of free use)

Mobile phone, door/window contacts not included in delivery!

Accessories

1001028	Replacement battery RCT nonEx
1000878	Power supply adapter 230 V (for wired power supply)
1001040	Power failure indicator (for monitoring of power failure)

MULTIview complete set

including battery pack, SIM card and free data transfer for the first two years of use in the Telekom Deutschland mobile network as well as data provision via the RCT Web App „multiview.r-c-t.biz".

After two years, an automatic query will be sent via the Web App: you can choose to continue using the included SIM card for EUR 49,- per year (including VAT) or to use your own SIM card from a provider of your choice (prepaid/contract).

Immediately usable including SIM card and battery pack

249,– EURO

Gross price including VAT, shipping and 2 years of connectivity

RCT. Simplify monitoring.

Your contact:

Remote Control Technology GmbH

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D-35075 Gladenbach

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