# WLAN clima Temperature - Humidity - WLAN - Sensor - Logger
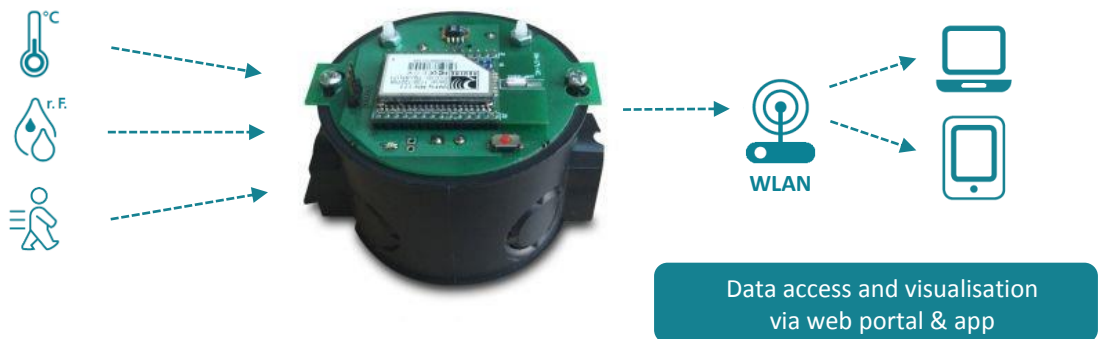
## Real-time Indoor Climate Monitoring System with automatic E-mail Alerts

**WLAN**

Data access and visualisation
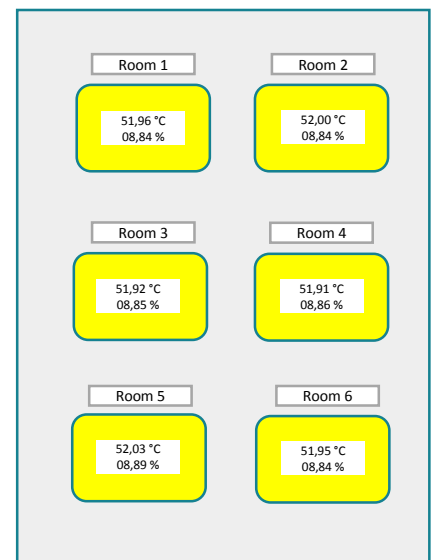via web portal & app

### Application Areas
- Logging of temperature & rel. humidity
- For apartments, data centers, storehouses, greenhouses etc.
- Industry, environmental technology & science

### Key Benefits
- Data transfer via WLAN/WiFi
- Online data access via web portal & app
- Individually adjustable email alarms
- JSON/XML interface for integration in client systems
- In-wall installation
- No operating costs

### Optional
- Monitoring of air pressure and motion
- Plug socket version
- Client-specific implementations

| Room 1 | Room 2 |
|---|---|
| 51,96 °C<br>08,84 % | 52,00 °C<br>08,84 % |

| Room 3 | Room 4 |
|---|---|
| 51,92 °C<br>08,85 % | 51,91 °C<br>08,86 % |

| Room 5 | Room 6 |
|---|---|
| 52,03 °C<br>08,89 % | 51,95 °C<br>08,84 % |

WLAN clima smartphone app

**Technical Specifications**

| | |
|---|---|
| Operating temperature: | 0…60°C |
| Measurement range: | |
| Temperature | -40…+100°C / ±0.5°C |
| Rel. Humidity | 0…100% / ±5% |
| Air pressure | 260…1260mbar / ±0,5mbar |
| Movement | Sensor range: 5m, object size: 70 x 25 cm, coverage angle: 94° hor. / 82° vert. |
| Measuring interval: | Adjustable (1s…12h) |
| Transmission interval: | Adjustable in 1 second steps |
| Operating voltage: | 90…264VAC |
| Power supply: | 6W |
| Dimensions: | ∅ 60 x 37 mm, for installation with standard switch sockets |
| Weight: | ca. 60 grams |
| Protection class: | IP00 (un-installed) |
| Data transmission: | WLAN, 2,4GHz, IEEE 802.11b/g |

Subject to change

**About ESYS**

ESYS is a Germany based manufacturer of state-of-the-art sensor technology, data recorders and fleet management solutions. With over 20 years of expertise in their field ESYS successfully implements standard products and client-specific hard and software development projects.

**We develop and manufacture your product, contact us!**

✓ Individually according to your specifications
✓ As a prototype or small batch series
✓ Optional with your custom-built software or app
✓ With over 20 years experience in hard and software development