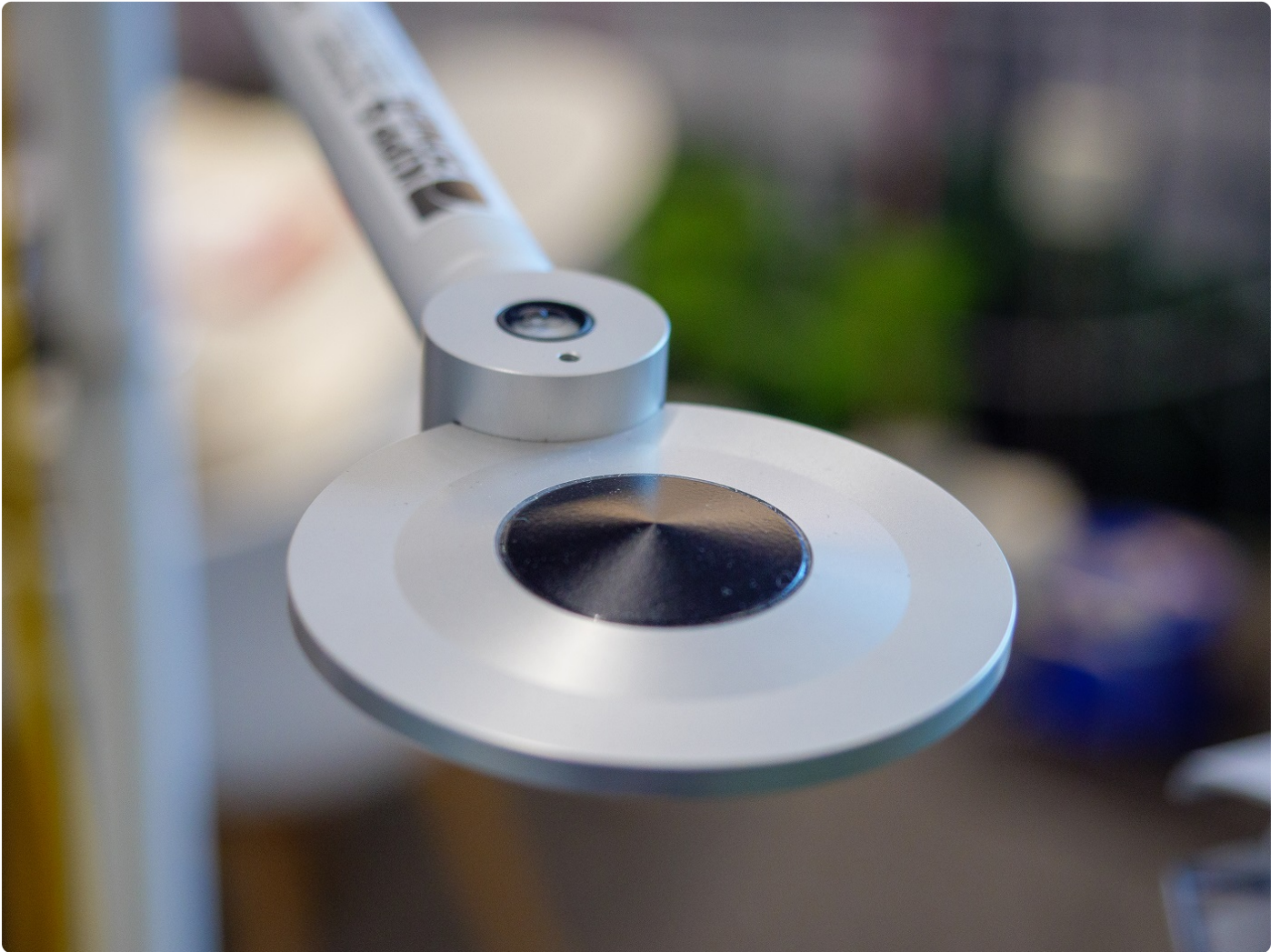


# Wireless net radiation meter (DLXm-net-rad)

DLXm-net-rad-ewinb

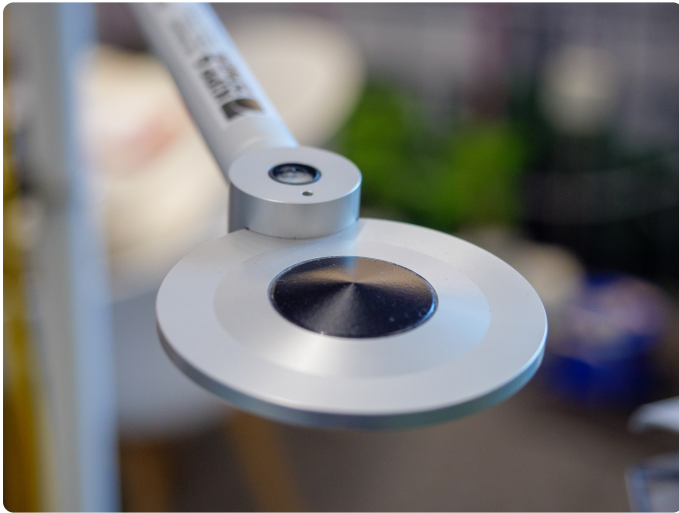


- Measures net radiation
- Measurement result in  $\text{W/m}^2$
- Accurate wireless detection
- Battery life of over 5 years

- The perfect instrument for measuring the impact of screening strategies
- Compatible with all Wireless Value Base Stations
- Transmission range of 1,600 metres (line of sight)

# Wireless net radiation meter (DLXm-net-rad)

DLXm-net-rad-ewinb



## Description

### DLXm-net-rad

The Wireless Value DLXm net radiation meter is designed for routine measurements of net radiation, i.e. the balance between incoming and outgoing radiation under outdoor conditions. The double-sided detector is fitted with black conical absorbers with a weather-resistant, non-stick coating.

- Memory capacity for storing 10,000 measurements
- Adjustable measurement interval
- Attractive ABS casing
- Existing system can be easily expanded with additional sensors
- Unique network ID to prevent interference with other wireless systems

# Wireless net radiation meter (DLXm-net-rad)

DLXm-net-rad-ewinb

## Specifications

### General

|              |                      |
|--------------|----------------------|
| Battery type | AA                   |
| Colour       | black                |
| Battery life | 5 years              |
| Model        | Kipp & Zn. NR Lite 2 |

### Measurement range

|                      |                              |
|----------------------|------------------------------|
| Operating limits     | -20 °C to +80 °C             |
| Spectral range (50%) | 0.2 to 100 µm                |
| Angle of measurement | 60°                          |
| Signal range         | 1,600 metres (line of sight) |

### Measurement accuracy

|                      |                        |
|----------------------|------------------------|
| Temperature response | - 0.1 % / °C (typical) |
|----------------------|------------------------|

### Legislation and standards

|                                 |     |
|---------------------------------|-----|
| RED (Radio Equipment Directive) | yes |
| CE                              | yes |
| EN 300 220                      | yes |

### Technical specifications

|                 |                     |
|-----------------|---------------------|
| Battery voltage | 3.6V                |
| IP rating       | IP65                |
| Frequency       | 868.525 MHz         |
| Memory          | 10,000 measurements |

### Dimensions

|            |                   |
|------------|-------------------|
| Dimensions | rod: 800 x 20 mm  |
| Diameter   | sensor head 80 mm |
| Weight     | sensor 0.5 kg     |