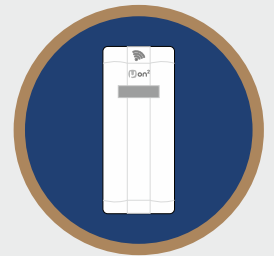


The μon^2 electronic heat cost allocator is mounted on a radiator. The built-in sensors to measure temperature of the radiator and of the ambient air. Using model-dependent correction factors (Kc values), it determines the heat output of the radiator. Via the built-in radio module, the consumption data can be transmitted by radio at adjustable intervals for remote reading or walk-by reading.

properties

- dual sensor and optional remote sensor version
- adjustable summer mode (no consumption metering)
- rolling display
- data logger for maximum room and radiator temperature (current month & previous month)
- selectable consumption counting mode: cumulative or zeroing
- unit- or product rating selectable
- cold count suppression
- opening detection
- easy mounting, can be mounted on all common bolts distances



Advantages of the new generation

- simplified installation due to pre-mounted seal
- improved antenna technology
- faster communication interface
- flexibly configurable wireless M-Bus radio telegram
- larger selection of radio telegrams
- sending of 3 times more radio telegrams compared to μon^1 *
- smaller radio intervals
- several radio intervals can be configured for one day

*referring to the whole lifetime



Technical data

Dimensions:	95 mm x 38 mm x 22 mm
Weight:	37 g
Protection class:	IP 41
Measurement principle:	2-Sensor system
Device interface:	inductive
Storage temperature:	$t_{\min} = -25^{\circ}\text{C}$, $t_{\max} = 60^{\circ}\text{C}$
Design temperatures:	$t_{\min} = 35^{\circ}\text{C}$, $t_{\max} = 95^{\circ}\text{C}$
Temperature resolution:	$\leq 0,07 \text{ K}$
Count start overtemperature:	$\Delta t_z = 2,5 \text{ K}$
Radiator performance range:	10 W - 10.000 W
Display:	5 ½ - digits LCD, permanent display
Battery life:	10 Years with additional reserve
Measurement cycle:	4 min
Due date:	Any last day of the month can be set (default: 31.12)
Data logger:	15 month end values & 15 month middle values
Radio frequency:	868 MHz
Wireless variants:	Wireless M-Bus (T&C-Mode) to EN 13757:2018
Transmission rate:	100.000 Chips / s
Testing according to European standard:	DIN EN 834
certification:	according to §5 of the HKVO
Encryption mode:	Mode 5&7 (to TR-03109-1 or EN 13757)
Base Sensitivity:	1,1 VE/kWh