

# ADD-200

## WIRELESS OUTDOOR DUSK AND TEMPERATURE DETECTOR

ADD-200 detects changes of light intensity (dusk detector) and temperature (temperature detector). It is designed to work within the **ABAX 2** two-way wireless system.

- dusk detector:
  - light intensity measurement in the range of 2 lx and 250 lx
  - option to select one of 16 detection thresholds
  - immunity to short and accidental changes of light intensity
- temperature detector:
  - temperature measurement in the range of  $-30^{\circ}\text{C}$  and  $+70^{\circ}\text{C}$
  - programmable temperature threshold
- compatible with\*:
  - **ACU-220** and **ACU-280** system controllers
  - **BE WAVE Hybrid** control panels
  - **BE WAVE Smart HUB** controllers
  - **ARU-200** radio signal repeater
- encrypted two-way radio communication in the 868 MHz (AES standard)
- transmission channel diversity – automatic selection of the one of 4 channels that will enable transmission without interference with other signals in the 868 MHz frequency band
- range of radio communication in the open area – up to 2000 m\*
- remote update of detector firmware
- remote configuration
- LED indicator
- “ECO” option for longer battery life
- battery status control
- weatherproof enclosure of high mechanical strength



\*detailed data available in the device manual

### TECHNICAL DATA

Battery working time (in years)	up to 2
Operating temperature range	$-20^{\circ}\text{C}...+55^{\circ}\text{C}$
Max. current consumption	12 mA
Weight	95 g
Maximum humidity	$93\pm 3\%$
Operating frequency band	868,0 ÷ 868,6 MHz
Battery	CR123A 3V
Standby current consumption	20 $\mu\text{A}$
Dimensions	58 x 115 x 34 mm
Environmental class according to EN50130-5	III
Temperature measurement accuracy	$\pm 1^{\circ}\text{C}$
Warm-up period	5 s
IP code	IP65
Radio communication range (in open area) for ACU-220	up to 2000 m
Radio communication range (in open area) for ACU-280	up to 1600 m
Temperature measurement range	$-20^{\circ}\text{C}...+55^{\circ}\text{C}$
Light intensity measurement in range	2...250 lx

