

# 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. The detector is supported by the **ACU-220** and **ACU-280** controllers and the **ARU-200** radio signal repeater.

- 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 °C and +70 °C
  - programmable temperature threshold
- 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
- radio communication range in open area: up to 2000 m (with ACU-220) / up to 1600 m (with ACU-280)
- remote update of detector firmware
- remote configuration
- LED indicator
- “ECO” option for longer battery life
- battery status control
- weatherproof enclosure of high mechanical strength

## TECHNICAL DATA

|  |                   |
|--|-------------------|
| Battery working time (in years)                      | up to 2           |
| Operating temperature range                          | -20 °C...+55 °C   |
| Max. current consumption                             | 12 mA             |
| Weight   | 95 g              |
| Maximum humidity                                     | 93±3%             |
| Operating frequency band                             | 868,0 ÷ 868,6 MHz |
| Battery  | CR123A 3V         |
| Standby current consumption                          | 20 µA             |
| Dimensions   | 58 x 115 x 34 mm  |
| Environmental class according to EN50130-5           | III               |
| Temperature measurement accuracy                     | ±1 °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 °C...+55 °C   |
| Light intensity measurement in range                 | 2...250 lx        |



The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.