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	-30°C...+70°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	-30°C...+70°C