

# ATD-100

ATD-100 is a wireless temperature detector designed for operation as part of the **ABAX** two-way wireless system. If properly used in the system, it enables indication of the current values of ambient temperature, e.g. on the display of **INT-KSG**, **INT-TSG**, **INT-TSH** or **INT-TSI** keypad. The device can also be used to violate the two temperature thresholds (minimum and maximum), which may be useful if the control panel is to run home automation functions, for example, to turn on heating or air conditioning. Configuration of the detector settings is done remotely, using the **DLOADX** program. ATD-100 is compatible with **INTEGRA 128-WRL** control panel, **ACU-120**, **ACU-270** and the older **ACU-100**, **ACU-250** controllers, as well as with **ARU-100** radio signal repeater.

The temperature detector is available in two color versions: white (**ATD-100**) and brown (**ATD-100 BR**).

- built-in digital temperature sensor
- two programmable temperature thresholds
- remote configuration



Battery working time (in years)	Estimated 3 years
Enclosure dimensions	24 x 110 x 27 mm
Operating temperature range	-10...+55 °C
Standby mode current consumption	50 µA
Max. current consumption	16 mA
Weight	56 g
Maximum humidity	93 ±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 500 m
Battery	CR123A 3V
Temperature measurement accuracy	±2%