

Product information

Wireless data loggers GHM DeltaBus

**Wireless data logger
 HD35EDWNTV61
 HD35EDLWNTV61**



- **Waterproof temperature wireless data logger with fixed vertical probe**

Characteristics

Temperature wireless data logger. IP 67 waterproof housing. Custom LCD display (only with option L). It stores the measures in its internal memory (68,000 samples) and transmits the logged data to the base unit automatically at regular intervals or upon request.

Temperature fixed vertical sensor with NTC10KΩ temperature sensor.

Acoustic alarm with internal buzzer. Configuration via HD35AP-S software. Powered by the internal battery. Installation: wall mounting with HD35.24W flange (optional) or fixing to a Ø 40 mm mast with HD2003.77/40 clamping (optional). Protection shield against solar radiations HD9217TF1 (optional) for outdoor installation. External antenna for outdoor installation with protection shield against solar radiations. Internal antenna for indoor installation.

Technical data

- Temperature**
 Sensor : NTC 10 kΩ @ 25 °C
 Measuring range : -40...+105 °C
 Resolution : 0.1 °C
 Accuracy : ± 0.3 °C in the range 0...+70 °C
 ± 0.4 °C outside
 Long-term stability : 0.1 °C / year
- Instrument**
 Transmission frequency : Factory configurable at choice among:
 868 MHz, 902-928 MHz, 915-928 MHz,
 921-928 MHz or 915,9-929,7 MHz
 depending on the frequency in use in
 the country of installation
- Transmission range : In open field:
 300 m (E, J)/ 180 m (U)
 with internal antenna.
 > 500 m (E, J, U) with external antenna.
 (can be reduced in presence of
 obstacles or adverse atmospheric
 conditions)
- Logging interval : 1, 2, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 30, 60 min
- Power supply : Non rechargeable lithium thionil
 chloride (Li-SOCI₂) internal battery,
 3.6 V, AA format, 2-pole Molex 5264
 connector
- Battery life : 2 years typical (without repeaters,
 measurement interval 5 s and log
 interval 30 s)
- Operating conditions : -20...+70 °C / 0...100 %RH
 non condensing
- Dimensions : 170 x 80 x 55 mm
 (excluding external antenna)
- Weight : 250 g approx.
 Housing : Polycarbonate
 Protection degree : IP 67

Ordering codes

HD35ED - 1. - WNTV61. 2.

1.	LCD
0	without LCD
L	with custom LCD
2.	Radio frequency
J	915.9-929.7 MHz (Japan)
E	868 MHz (Europe)
U	902-928 MHz (U.S.A. and Canada) reducible to 915-928 MHz (Australia) or 921-928 MHz (New Zealand)