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# Wireless data logger HD35EDNTV HD35EDLNTV

● **Temperature wireless data logger with fixed vertical sensor**

## Characteristics

Temperature wireless data logger. 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 or front keyboard (only version with LCD). Powered by the internal battery. Wall mount removable (by using the included support) or fixed (with optional flanges) 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<br>± 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 | : | 300 m (E, J)/ 180 m (U) in open field (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 thyonil chloride (Li-SOCl2) 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…85 %RH non condensing |
| Dimensions | : | 135 x 144 x 33 mm |
| Weight | : | 200 g approx. |
| Housing | : | LURAN® S 777K |
| Protection degree | : | IP 64 |

## Ordering codes

**HD35ED - [1.] NTV. [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) |