

**Product information**

**Wireless data loggers GHM DeltaBus**

**Wireless data logger  
 HD35EDW1TV  
 HD35EDLW1TV**



- **Waterproof humidity wireless data logger with fixed vertical sensor**

**Characteristics**

Humidity 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. Relative humidity fixed vertical sensor with high accuracy R.H. 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**

**Humidity**

- Sensor : Capacitive
- Measuring range : 0...100% RH
- Resolution : 0.1% RH
- Accuracy (@ 23 °C) : ± 1.5 %RH (0..90 %RH) ± 2 %RH (remaining range)
- Sensor operating temperature : -20...+80 °C
- Temperature drift : ±2% over the whole operating temperature range
- Long-term stability : 1% / 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-SOCl<sub>2</sub>) 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. -  2. W1TV.

<b>1.</b>	<b>LCD</b>	
	0	without LCD
	L	with custom LCD
<b>2.</b>	<b>Radio frequency</b>	
	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)