

Product information

Wireless data loggers GHM DeltaBus

Wireless repeater HD35REW



- **Waterproof wireless repeater**

Characteristics

The device is able to act as a bridge between the base unit HD35AP... and the remote data loggers HD35ED..., allowing the communication distance between data loggers and base unit to be increased.

Several repeaters in cascade can be used. Powered by the internal battery. Suitable for places where the external power supply is not available.

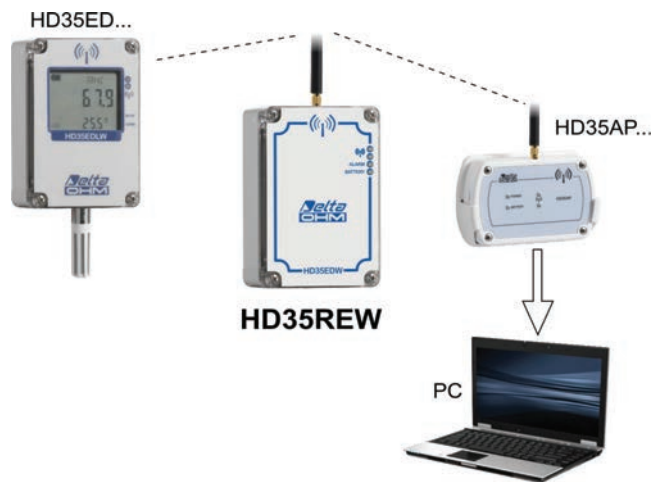
Configuration via HD35AP S software.

Installation: wall mount or fixing to a 40 mm diameter mast through the clamping HD2003.77/40 (optional). Protection shield against solar radiations HD9217TF1 (optional) for outdoor installation.

Technical data

- 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) towards data loggers with internal antenna. > 500 m (E, J, U) towards base unit, repeaters and data loggers with external antenna. (can be reduced in presence of obstacles or adverse atmospheric conditions)
- Power supply : Internal 3.6 V lithium thionyl chloride (Li-SOCl₂) not rechargeable battery, capacity 8400 mAh, size C, Molex 5264 2 pole connector.
- Battery life : 2 years typical (repeating the signal of 5 data loggers transmitting every 30 s)
- Operating conditions : -20...+70 °C / 0...100 %RH non condensing
- Dimensions: : 120 x 80 x 55 mm (excluding antenna)
- Weight : 250 g approx.
- Housing : Polycarbonate
- Protection degree : IP 67

Extending the transmission range



Ordering codes

HD35REW. -

1.	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)