

# MODEM

## Wireless Network Communication Interface



Jabeco's complete management system to optimise the use of water resources



- 433MHz or 868MHz.
- USB connection to PC.
- Adjustable power output up to 10dBm.

### PRODUCT INFORMATION

The Jabeco Modem serves as the communication interface between the Jabeco EcoWeb Software Suite and the wireless control infrastructure in the integrated network. It connects to a PC via USB serial interface, and provides transparent wireless communication to the remote Jabeco field units by utilizing the JCOM radio network management software.

### SPECIFICATIONS

#### POWER

- 6 – 6.8 VDC @ < 200mA.

#### RADIO COMMUNICATION

- **Frequency:** 433MHz or 868MHz, on factory order.
- **RF Power:** 10mW max.
- **RF Connector :** SMA Jack Female.
- **Antenna:**
  - Dipole, standard ex-factory.
  - Optional: Single element Yagi.
- **Reach:**
  - **Dipole:** + 3Km with good LOS.
  - **Yagi:** up to 10Km with good LOS.

#### LOCAL COMMS INTERFACE

- USB connection to the PC.
- **Baud rate:** 9600bps.

#### LED INDICATORS

Power In, Power Out, Transmit, and Signal Strength is displayed.

#### PHYSICAL

- **Weight:** approx. 0,3kg.
- **Dimensions:** 150mm x 120mm x 100mm.

#### ENVIRONMENTAL

- This unit is designed to operate in an office environment.

### APPLICATION NOTES

