DR10 revolutionary radio remote control

DR10 is designed to make the scale operation easy and convenient. It also enables fast and reliable data transfer. There are plenty of applications for it of which the most typical are crane scales, special load cells and on-board applications.

DR10

TECHNICAL DATA DR10

- For scale operation, data transfer and weighing result viewing through radio
- Menu based interface
- Easy-to-use keyboard
- Summing function
- Nonvolatile memory for 1800 weighing results with time, date and material codes (option)
- Charge level display for scale and DR10
- Operation temperature: -20°C…+55°C
- Graphic LCD display (64x128 pixels) with white LED backlight
- Radio frequency: 433.23 Hhz-434.35 Mhz
- Operation range: 100 m (up to 200 m on a line of sight)
- 10 user selectable radio channels
- Radio RF power: 1-10 mW, adjustable
- Operation time: - with backlight: 34 h
                 - without backlight 65 hours
- Battery type: 2 x NiMh AA, 2200-3000 mAh
- USB port for charging and data upload to PC, external charger included)
- Charging time: 6 hours
- Weight: 200 g (including batteries)

Typical applications of DR10

Options for DR10:
- USB cable data transfer, including PC software for data transfer and storing
- Radio transmission to PC including TRL10 and PC software for data transfer and storing
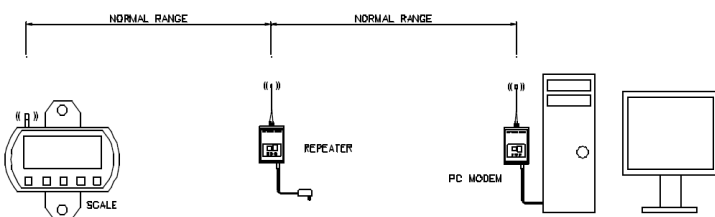- Wireless cross-beam function

TRL 10

TRL10 applications:
- PC modem in the radio transmission to PC with or without DR10
- Repeater station to extend radio transmission range and ensure line of sight
- Stand alone receiver station connected to for example a printer.

Technical data TRL10:
- Stand alone or remote mode functions
- Frequency: 433.23-434.35 Mhz
- 10 user selectable channels
- Transmitting power: 1-10 mW, user selectable
- Data rate: 19200 Baud (9600 on air)
- Range: up to 200 metres
- Antenna connection: TNC, 50 Ohm
- Data Interface: RS-232 (D9), RS-485(D9), USB (5-pin USB Mini B)
- Power interface:
  12V 100mA (D9)
  5V 100mA (5-pin mini B USB powered)
- Operating temperature: -20°C…+55°C
- Dimensions: 85(H)x114(W)x22(D)
- Weight: 200 g

TRL10 as a repeater multiplying the range