R2D and R2DB

THE MOST COMPACT PORTABLE

- ◣ *Powerful Intel® Core™ i3-PC (i7 upgrade available)*
- ◣ *Up to 2 SIRIUS® slices (32 channels)*
- ◣ *12.1" high brightness multi-touch WXGA display*
- ◣ *Hot-swappable batteries for maximum portability 192 Wh Li-Ion*
- ◣ *All connectors on one side of the instrument*
- ◣ *Integrated keyboard & touchpad*
- ◣ *4xUSB 3.0, WLAN, 2x sync, EtherCAT®, 2xGLAN,*
- ◣ *4 GB RAM, 250/500 GB mSATA SSD*
- ◣ *Up to 2x CAN ports*
- ◣ *GPS option: 10 Hz/100 Hz/100 Hz + RTK*
- ◣ *9-36 V_{DC} supply*
- ◣ *Operating temperature 0 to 50℃*
- ◣ *Including DEWESoft® X Prof*

Available in 2 versions:
R2D - with built in display
R2DB - with built in display and hot-swappable batteries

The system is easy to carry because of the low weight of only 11 kg and the small dimensions (446x357x205 mm). The free combination of any SIRIUS® slice with DUAL-COREADC® 200 kS/s, high density or high speed (1 MS/s) makes it very easy to configure the system for any application!

EtherCAT® EXPANSION

EtherCAT® expansion example:
64 thermocouples 100Hz sampling rate
- ◣ *4x KRYPTON 16xTH*
- ◣ *-40 to 85 ℃ ambient temperature*
- ◣ *high shock/vibration rating*

Intel i3-PC

The light weight aluminium chassis makes the R2D a very small rugged instrument