

Rock Bolt Monitor RBM-XR™

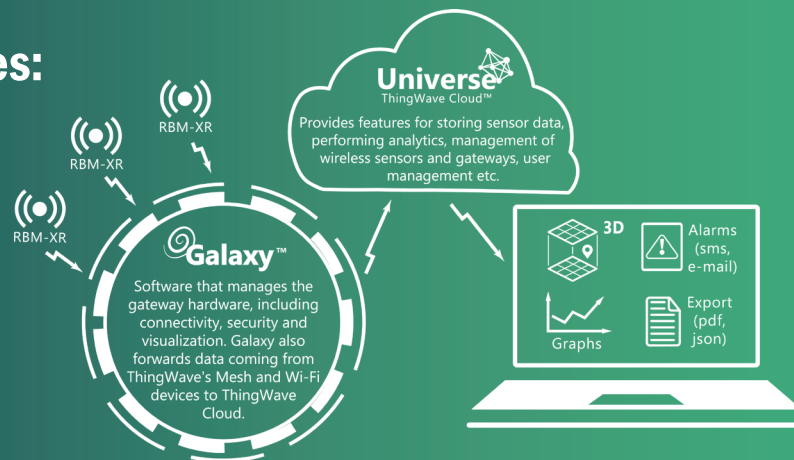
Advanced IoT solutions for increased safety providing real-time data for situational awareness in real-time 24/7.

sales@thingwave.com



RBM-XR™ properties:

- Size: 107x105x99 mm
- Weight: 425 gr
- Case: ABS plastic
- Rating: IP 65
- Lifetime up to 13 years*



Applications:

- Mining
- Tunnels
- Infrastructure
- Construction
- Buildings

MADE IN SWEDEN

ThingWave's wireless Rock Bolt Monitor (RBM-XR) senses deformations (elongation) on rock bolts in underground tunnels 24/7, providing data for situational awareness in real-time. This ensures a safe working environment.

All data is transmitted wirelessly to ThingWave Cloud. RBM-XR is fully integrated into ThingWave's underground digitalization platform Mining 4.0.

Alarms are generated automatically when dangerous situations occur.

- Wireless rock bolt sensors (Wi-Fi, mesh, 5G).
- Keeps tunnels under surveillance 24/7.
- Real-time visualization of sensor data.
- AES encryption
- Certified in EU, US and Australia
- Measures elongation up to 350 mm, single channel
- Suitable for different types of rock bolts:
 - standard rock bolts
 - cable bolts
 - high-performance dynamic bolts
- Battery powered

Banvägen 2A, SE-973 46
Luleå, Sweden



www.thingwave.com