

Risk Assessment – Quick Connect / Quick Release Bracket

Product: Quick Connect / Quick Release Bracket (TKQR)

Manufacturer: Euryca AS / Thor's Drone World

Date: 03/07/2025

Place: Malvik, Norway

1. Introduction

This document provides a risk assessment for the Quick Connect / Quick Release Bracket (TKQR), manufactured by Euryca AS.

This product is a CNC-machined mechanical accessory used for mounting monitors, tablets, or tripods to LifThor Utility Mounts or Tripod Mounts.

It allows for fast attachment/detachment using a 1/4"-20 screw and locking latch mechanism.

No electronic or powered components are included.

2. Product Covered

- Quick Connect / Quick Release Bracket (TKQR)

3. Risk Identification and Evaluation

Risk Area	Description of Risk	Severity (Low/Med/High)	Mitigation Measures
Improper Latching	Latch may not fully engage, leading to dropped device	Low	Latch designed with tactile feedback and locking mechanism; install instructions provided
Overtightening	Overtightening screw may strip threads or damage device mount	Low	Usage guide includes torque recommendation; robust aluminum threads
Misuse Orientation	Incorrect top/bottom use may result in unstable mounting	Low	Instructional diagrams show dual-orientation compatibility

Sharp Edges	Minor cuts from aluminum edges	Low	Edges deburred and anodized as part of QC process
Coating Exposure	Potential irritation or reaction from surface finish	Low	SGS-certified anodizing, halogen-free and REACH-compliant
Component Loosening	Parts may loosen over time under vibration	Low	Locking hardware included; periodic rechecking advised

4. Residual Risk and Conclusion

All identified risks have been evaluated and mitigated through design and safety instructions. The Quick Release Bracket (TKQR) is safe for its intended use when installed properly.

Signed by:

Tore Kvittum 

Tore Kvittum
Owner / Product Developer
Euryca AS
Date: 03/07/2025
Place: Malvik, Norway

