

Risk Assessment – Device Clamps (SETUN and SETTXL)

Products: Universal Clamp (SETUN) and XL Clamp with Tripod Mount (SETTXL)

Manufacturer: Euryca AS / Thor's Drone World

Date: 03/07/2025

Place: Malvik, Norway

1. Introduction

This document provides a risk assessment for two mechanical accessories manufactured by Euryca AS:

the Universal Clamp (SETUN) and the XL Clamp with Tripod Mount (SETTXL).

Both are used to securely mount phones or tablets to LifThor mounting systems or tripods.

SETUN is a compact clamp primarily for small tablets and smartphones. SETTXL is larger and designed for full-sized tablets, integrating a plastic clamp with an aluminum mounting bracket.

2. Products Covered

- SETUN – Universal Clamp for phones/small tablets (plastic + metal reinforced)
- SETTXL – XL Clamp with aluminum tripod mount bracket for large tablets

3. Risk Identification and Evaluation

Risk Area	Description of Risk	Severity (Low/Med/High)	Mitigation Measures
Device Slippage	Improper fit or overloading may result in the device falling	Medium	Adjustable jaws provide firm grip; user guidance provided for fit limits
Pinch Points	Finger pinching during clamping action	Low	Rounded grip edges and controlled spring tension
Material Fracture	Plastic arms could crack under force or cold temperatures	Low	Manufactured from durable ABS/polycarbonate with tested tolerances

Aluminum Edge Risk	SETTXL bracket may have minor sharpness	Low	Bracket is CNC-machined, anodized, and deburred
Misuse Compatibility	Incompatible use with large devices on SETUN	Low	SKU-specific product use limits described in product page/manual

4. Residual Risk and Conclusion

Both clamps present minimal risk when used correctly. User instructions and product pages clearly define compatible devices and mounting guidance.

All residual risks are considered low and fall within acceptable safety margins.

Signed by:

Tore Kvittum



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Owner / Product Developer

Euryca AS

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