

Risk Assessment – LifThor Video Feed Cables (ConnecThor)

Prepared in accordance with Regulation (EU) 2023/988 – General Product Safety Regulation (GPSR)

1. Manufacturer Information

Euryca AS / Thor's Drone World
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2. Product Group Covered

This risk assessment covers all passive video/data cables sold under the LifThor brand, including:

- USB-C to Lightning / USB-A / Micro USB
- HDMI and Mini-HDMI
- OTG power cables
- USB-C to HDMI

All products are passive cables used to transmit data/video/power between compatible electronic devices.

3. Intended Use

To provide secure and efficient wired video/data connections between devices such as drones, tablets, controllers, and monitors. Intended for indoor and outdoor use under normal operating conditions.

4. Hazard Identification

The following potential hazards were identified and evaluated:

- Electrical Risk: Minimal. Passive cables carry low voltage signals only.
- Choking Hazard: Low. Cable size exceeds choking thresholds for children.
- Strangulation: Moderate risk if misused or wrapped around neck. Packaging includes user

guidance.

- Fire Risk: Low. Cables are manufactured with materials compliant with flame retardant requirements.
- Mechanical Risk: None identified. No moving parts or sharp components.
- Chemical Risk: Minimal. All materials tested for RoHS compliance (lead, mercury, cadmium, phthalates).

5. Risk Evaluation and Controls

All identified risks are controlled through:

- Use of RoHS-compliant, non-toxic materials
- CE and EMC testing to ensure electromagnetic shielding and voltage insulation
- Secure connectors with proper insulation
- Short cable lengths to reduce risk of strangulation or entanglement
- Appropriate product labeling and safe packaging
- Internal quality control by OEM supplier and verification by Euryca AS

6. Conclusion

Under normal and reasonably foreseeable misuse, the products do not present significant hazards to users and are deemed compliant with Regulation (EU) 2023/988. Regular quality checks and documentation reviews are maintained to ensure continued conformity.

Prepared by:

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