

# AetherLink™ Field Node X7

## Post-Sales User Guide & Operational Handbook

This document describes the [AetherLink Field Node X7](#), a portable environmental intelligence platform designed to create an autonomous awareness bubble around its deployment location.

## Contents

Overview, Specifications, Architecture, Safety, Setup, Operation, Modes, Companion Software, Maintenance, Troubleshooting, Performance Guidelines, FAQ, Technical Reference, Warranty.

## Specifications

Dimensions: 190×190×72 mm  
Weight: 1.42 kg  
Housing: Carbon Fibre Polymer IP68  
Battery: up to 96 hours Storage: 4  
TB SSD Mesh: up to 128 nodes  
AI Accelerator: 32 TOPS

## Operation

Install the battery, mount on the tripod, hold the power button for three seconds, pair with the companion application, and begin monitoring using Observe, Survey, Sentinel or Expedition mode.

## Maintenance

Clean after each deployment, inspect seals, recharge the battery, export data, calibrate sensors every six months, and replace filters and seals annually.

## Warranty

Three-year Limited Operational Warranty covering manufacturing defects under normal operating conditions.