

Ambire stkWallet Security Audit

Report Version 0.1

January 22, 2025

Conducted by **Hunter Security**

Table of Contents

1 About Hunter Security 3

2 Disclaimer 3

3 Risk classification 3

3.1 Impact 3

3.2 Likelihood 3

3.3 Actions required by severity level 3

4 Executive summary 4

1 About Hunter Security

Hunter Security is an industry-leading smart contract security company. Having conducted over 100 security audits protecting over \$1B of TVL, our team delivers top-notch security services to the best DeFi protocols. For security audit inquiries, you can reach out on Telegram or Twitter at [@georgehntr](#).

2 Disclaimer

Audits are a time-, resource-, and expertise-bound effort where trained experts evaluate smart contracts using a combination of automated and manual techniques to identify as many vulnerabilities as possible. Audits can reveal the presence of vulnerabilities, but cannot guarantee their absence.

3 Risk classification

Severity	Impact: High	Impact: Medium	Impact: Low
Likelihood: High	High	High	Medium
Likelihood: Medium	High	Medium	Low
Likelihood: Low	Medium	Low	Low

3.1 Impact

- **High** - leads to a significant loss of assets in the protocol or significantly harms a group of users.
- **Medium** - involves a small loss of funds or affects a core functionality of the protocol.
- **Low** - encompasses any unexpected behavior that is non-critical.

3.2 Likelihood

- **High** - a direct attack vector; the cost is relatively low compared to the potential loss of funds.
- **Medium** - only a conditionally incentivized attack vector, with a moderate likelihood.
- **Low** - involves too many or unlikely assumptions; offers little to no incentive.

3.3 Actions required by severity level

- **High** - client **must** fix the issue.
- **Medium** - client **should** fix the issue.
- **Low** - client **could** fix the issue.

4 Executive summary

Overview

Project Name	Ambire, stkWallet
Repository	https://github.com/AmbireTech/ambire-common
Commit hash	6c36a4e9227cecb9d60931f8d732b355b2de23bf
Resolution	-
Methods	Manual review & testing

Scope

contracts/stkWALLET.sol

Issues Found

High risk	0
Medium risk	0
Low risk	0