



# BITMIND

## Bitcast Brief 019 - Bitmind (Subnet 34)

### Supporting information / resources:

Brand assets: [Google Drive](#)

### 🌟 Overview

Bitmind is **Subnet 34 on Bittensor**. Its mission: **deepfake detection**.

Using advanced computer vision, Bitmind classifies whether an image or video is:

- **Real**
- **AI-generated**
- **AI-modified (partially real)**

This is achieved through a **combination of miner training and inference models**, optimized to keep pace with an arms race between generative AI tools and detection technology.

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### Why Bitmind Matters

The rise of generative AI has made it easier than ever to create convincing fakes. This poses risks across:

- **News & media:** e.g. recent fake Israel/Iran conflict footage that misled millions.
- **Crypto & finance:** ~30% of scams are now AI-generated (Bitget Report, 2024).

- **Consumer trust:** 5.6 billion internet users face daily exposure to manipulated content.

Bitmind is tackling this head-on by giving **users, enterprises, and platforms** the ability to verify visual media in real-time.

Example scam: Deep fake video calls - where the scammer pretends to not be able to hear the scammer, then moves the conversation to messaging apps and then requests payment.

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## **2025 : Cutting-Edge AI Generators**

**2025 has been a watershed year for generative AI** — especially in video. Closed-source leaders like **V3, Sora, and Kling** are producing hyper-realistic synthetic footage that can be almost impossible to distinguish from the real thing. These models are advancing at unprecedented speed, often outpacing open-source alternatives.

**Bitmind's subnet is built to keep pace with this surge. By incentivizing a global network of miners, it continuously retrains and adapts against the latest generative outputs.** Bitmind's computer vision models examine the content itself, detecting the subtle artifacts left by even the most advanced generators.

The result is a detection layer that evolves as quickly as the generative models it monitors — ensuring resilience against V3, Sora, Clint, and whatever comes next.

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## **Bitmind's "AI or Not" Mobile application**

Recently released: Bitmind's first-of-its-kind mobile application capable of detecting AI generated content that's integrated with social media via quick actions ("Send to AI or Not")

The app is opening Bitmind up to a huge new market:

- Download it from the [app store / play store](#)
- 80%+ of digital consumption happens on mobile.

Video demonstration:

👉 **Please showcase the app in use on your videos.** Bitmind would appreciate it if you could download the app and use it to detect any deep fake videos 🙏

*To show the power of Bitmind it would be great if you could demo the app on random real content as well as fake content.*

Example Video of the Bitmind App in Use: [Google Drive](#)

**OR** please feel free to use the below example videos or pictures for fake/AI content using the app (or videos you know of elsewhere):

Example fake AI gen pictures/videos you could use in the app:

AI generated influencers:

[https://x.com/Brivaeell\\_p/status/1907417574339465490](https://x.com/Brivaeell_p/status/1907417574339465490)

[https://x.com/luna\\_virtuals](https://x.com/luna_virtuals)

AI generated art/ASMR:

<https://x.com/MidJourneyAI>

<https://www.instagram.com/ainterestingaf/>

[https://www.instagram.com/ai\\_generatedthis/](https://www.instagram.com/ai_generatedthis/)

[https://x.com/ginacostag\\_/status/1936043921454596266](https://x.com/ginacostag_/status/1936043921454596266)

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## Technology Edge

- **Accuracy:** ~88% on in-the-wild image detection (as of Q2 2025)
- **Video harder than images** (due to closed-source dominance), but accuracy is rapidly improving.
- **Adaptive Arms Race:** Bittensor integration keeps BitMind's models evolving at pace with generative AI. With
- **Watermark Resistance:** Even when metadata that is invisible to the human eye, like watermarks, are stripped or altered, Bitmind's models still identify AI traces by analyzing the raw pixels.

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## Other ways to use Bitmind

Bitmind also makes detection accessible through the following options:

1. **Browser Extension** – hover over any suspect video or image.
2. **@BitmindBot on X (Twitter)** – tag the bot to receive instant analysis.

3. **Detector.ai Website** — drag-and-drop images to check authenticity.
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## Market Opportunity

### Short Term

- **Consumers:** The Bitmind mobile app to let users verify any media shared via their phone — critical since **80%+ of digital consumption happens on mobile**.

### Long Term

- **Enterprise Integrations:**
    - Social platforms (X, Meta, TikTok, WhatsApp).
    - Media companies and fact-checking organizations.
    - Cybersecurity applications.
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## Monetization Strategy

- **Subscription Model:** Direct-to-consumer mobile app subscription
  - **Future B2B:** Partnerships with platforms to embed Bitmind technology at scale.
  - **Revenue Allocation:** Early revenues will be reinvested into the subnet (buybacks, burns, and OPEX).
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## The Big Picture

Bitmind is more than a tool — it's building a **trust layer for the internet**. In an age of AI-driven misinformation, being able to instantly verify “is this real?” is becoming a **mass-market need**.

- **Short term:** Protect users from scams and misinformation.
- **Long term:** Enable enterprises and platforms to integrate truth-checking at scale.

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## Dream Future Partnerships

- **X (Twitter):** Direct integration into Community Notes / Grok.
  - **Meta (Facebook, Instagram, WhatsApp):** Direct integration bringing detection to billions of daily users.
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## Key Takeaway

**Bitmind is tackling one of the most urgent challenges in AI:** separating real from fake in a world of generative content. With consumer-first products, scalable technology, and enterprise potential, it's positioned to become a cornerstone of digital trust.

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## Additional links

App Launch X Announcement: [X Post](#)

KOL (Siam Kidd) regarding the problem: [X Post](#)

Revenue Search: [YouTube](#)

GAS (generators vs. discriminators): [X Article](#)

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## Contact details

Any questions please DM the team on X: <https://x.com/BitMindLabs>