OverlayHUD: Universal AI Solver Guide

Overview & Intent

OverlayHUD is a specialized productivity tool designed for seamless integration between your digital environment and advanced AI logic. Its primary intent is to provide instantaneous solutions to complex problems visible on your screen without requiring manual data entry.

Bypassing Protections

The application utilizes low-level Windows API calls to maintain visibility and functionality in restricted environments:

- **Stealth Display:** By setting specific *Window Display Affinity* flags, the overlay is rendered in a way that is ignored by the Desktop Window Manager (DWM) during capture requests. This allows it to remain invisible to standard screen-sharing tools and proctoring software.
- **Protected Environments:** This technique enables the application to function effectively even on some protected or restricted testing platforms that monitor for active windows or screen captures.
- **Input Layering:** The overlay exists on a transparent layer that does not interfere with mouse or keyboard focus on the underlying applications, ensuring your workflow remains uninterrupted.

Security Disclaimer

OverlayHUD is designed with specialized window attributes to ensure privacy and stealth.

- **Standard Bypass:** The application can successfully bypass normal screen recording software and standard screenshot tools.
- **Kernel-Level Limitation:** Please be aware that the application **cannot** bypass kernel-level recordings or advanced hardware-based anti-cheat systems.

Download Link

Access the download page and download the application here:
Download OverlayHUD (Google Drive)

The AI: Capabilities & Limitations

The AI backend is a universal problem-solving engine optimized for speed and directness.

What the AI Can Do

- **Academic Problems:** Solves MCQs, math, logic, theory, and reasoning questions instantly.
- **Programming:** Generates full code solutions in any language (defaults to Python).
- **Concise Output:** Provides **ONLY** the final answer or code block.
- **Memory Recall:** Retrieves previously scanned answers from local memory.

What the AI Cannot Do

- **Explanations:** The AI will **not** explain its reasoning; it is built strictly for results.
- **Messy Input:** May struggle with handwriting or extremely low-contrast text.

Supported AI Models

The application utilizes: `kat-coder-pro`, `devstral-2512`, `grok-code-fast-1`, `mimo-v2-flash`, `gemini-2.0-flash-001`, `deepseek-v3.1`, and `nemotron-3-nano`.

How to Use

1. **Download:** Use the link above to get the application.
2. **Setup API Key:** Get your key from OpenRouter.ai.
3. **Launch:** Open `layerx by Ravi.exe` and enter your key.
4. **Commands:** Use hotkeys to capture and solve.

Hotkey Cheat Sheet

First press the forward slash key (`/`) followed by:

- `/1`: Answer (Perform OCR & Solve)
- `/2`: Hide (Toggle Overlay visibility)
- `/m`: Change model (Cycle through available AI)
- `/j`: Scroll down
- `/k`: Scroll up
- `/o`: Increase opacity by 15
- `/``: Decrease opacity by 15 (key left of 1)
- `/r`: For reset/recover