

# Windows Miner Agent User Guide

## 01. Download Link

<https://github.com/viabtc/mineragent/tree/master/v2>

## 02. Installation

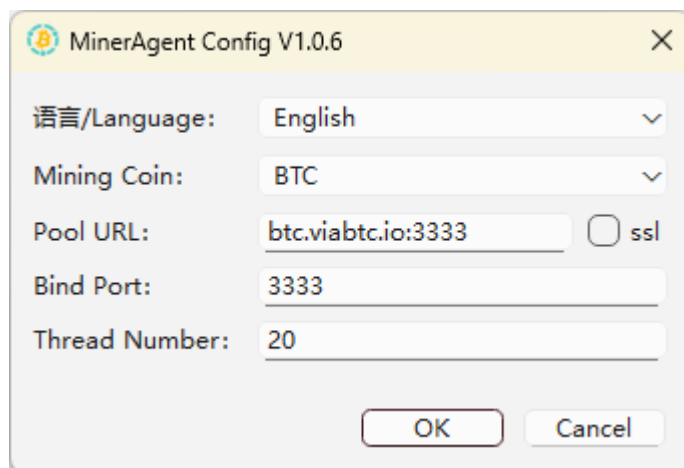
Use any unzip tool to extract the agent program `viabtc_mineragent_gui.zip`.

## 03. Launch

Double-click `viabtc_mineragent_gui.exe` to start the agent.

## 04. Configuration

After launching `viabtc_mineragent_gui.exe`, you will enter the configuration page, as shown below:

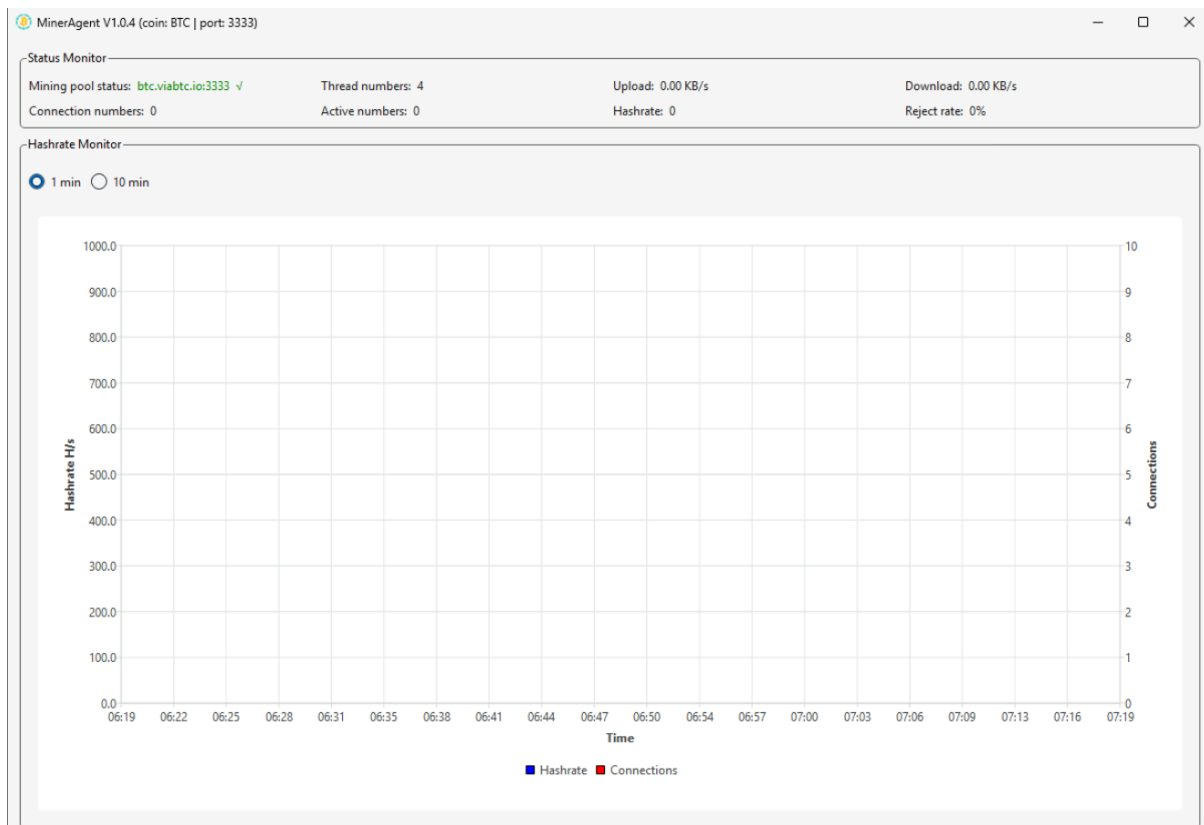


### Field Descriptions:

- Mining Coin: Default is BTC. Select other coins from the dropdown menu
- Pool URL: Mining pool stratum URL
- ssl: Whether the Pool URL is SSL-encrypted
- Bind Port: The port miners use to connect to the agent. Default is 3333 (If multiple agents need to be enabled, the bind port cannot be duplicated.)
- Thread Number: The number of worker threads used by the agent. Default is the number of CPU threads on the local machine. (No modification needed.)

## 05. Start the Agent

Click OK to launch the agent after configuration, as shown below:



## Interface Overview

### Status Monitor

- Mining pool status: The agent's connection status to the mining pool. Green means connected; red means failed
- Thread numbers: Number of threads currently running, configurable in the configuration page
- Upload: Current upload speed of the agent
- Download: Current download speed of the agent
- Connection numbers: Number of miners currently connected to the agent
- Active numbers: Number of miners submitting hashrate within 10 minutes.
- Hashrate: The total hashrate submitted by miners currently connected to the agent (calculated every 10 minutes)
- Reject rate: The proportion of rejected or invalid shares.

### Hashrate Monitor

- 1 min / 10 min Buttons: Switch the time interval for hashrate monitoring
- Line Chart: Blue line shows hashrate trends; green line shows number of connected miners.

- Hover over the chart to view detailed data on hashrate and connections.

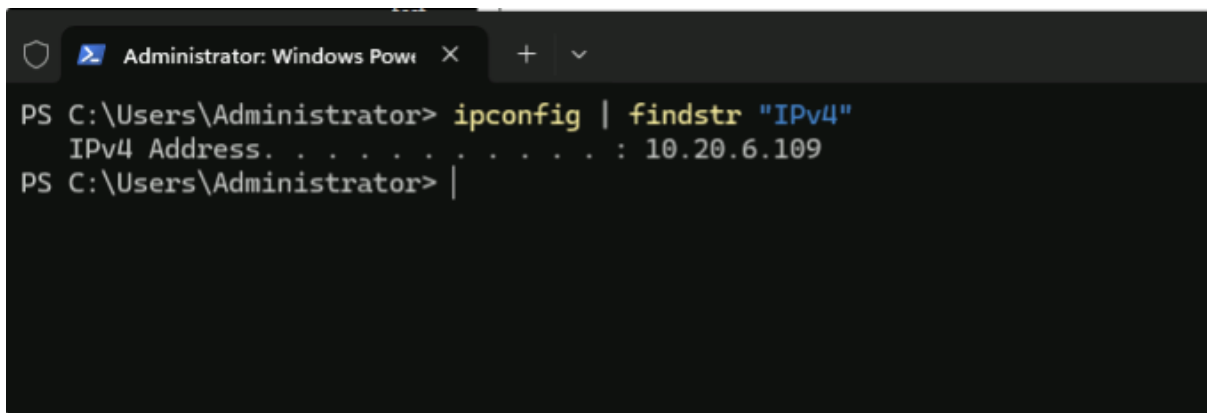
## 06. Miner Connection

Miners should connect to the agent via **IP:Port**.

IP is the **Server IP** where the agent is running. Port is the **Bind Port** configured in the configuration page.

How to check **Server IP**:

Press **Win + r**, type **cmd** or **powershell**, and press Enter to open the command prompt. Type **ipconfig | findstr "IPv4"** and press Enter. You'll see the **Server IP**.



```
Administrator: Windows Powe x + v
PS C:\Users\Administrator> ipconfig | findstr "IPv4"
    IPv4 Address. . . . . : 10.20.6.109
PS C:\Users\Administrator> |
```

Example: the server IP is **10.20.6.109** and the bind port is **3333**, then on the miner configuration page, set the mining URL as: **stratum+tcp://10.20.6.109:3333**.

## 07. Additional Notes

1. To prevent internal IP address changes, it is recommended to set a static IP. You can search online for instructions on [How to configure a static IP in Windows](#).
2. Use only one agent per mining coin. For multiple coins, run a separate agent for each.
3. To exit the agent, right-click its icon in the system tray (bottom-right corner of the windows interface).

