

Quantivex AI

User Manual and Panel Descriptions

English Preparation Text

This guide explains all the fields displayed in the Quantivex AI user panel in a clear and simple manner. The aim is to help users easily understand where to enter information, what each button does, and how to interpret the data on the screen when they first open the program.

1. Fixed Top Section: Main Information and Connection Panel

This section is the main area that displays which exchange the program will connect to, where the API credentials should be entered, the user's total portfolio status, and the bot's real-time operating status. Regardless of which page the user navigates to, this top section remains the same. Therefore, it can be considered the program's "dashboard."

Field / Button	What is it used for?	How does the user use it?
Quantivex AI Title	This is the name of the program. The user can see which application they are using here.	This section is for informational purposes only. The user does not need to click or enter anything here.
Autonomous Trading Engine	This is a brief description explaining that the program operates based on an automated trading engine logic.	Reminds the user that the system performs market scanning, signal analysis, and trade management based on the selected mode.
Support	This is the section designated for support and sales contact information.	If the user needs support regarding licensing, installation, or usage, they can use the support contact information provided in this section.
License	Displays the user's active license information. For example, "test" may indicate a trial or active test license.	The user can check whether their license is active in this section. If the license expires, a new license can be entered in the License Settings section.

1.1 Exchange

The Exchange section is where the user selects which cryptocurrency exchange they want to trade on. The program uses the selected exchange's API connection to read account balances, retrieve market data, and place orders in Live Trading mode.

- Example: If the user will use a MEXC account, "MEXC" should be selected from the Exchange list.
- If the user will use a Binance account, "Binance" should be selected.
- For each exchange, the API Key, Secret Key, and (for some exchanges) Passphrase must be entered separately.

Simple explanation: The Exchange selection answers the question, "Which exchange should the bot connect to?"

1.2 API, Secret Key and Passphrase

These three fields are used to securely connect the user's exchange account to the Quantivex AI application. API credentials are special connection keys provided by the exchange to the user. With this information, the program can read the user's account and, if permission is granted, execute trades.

Field / Button	What is it used for?	How does the user use it?
API	This is the visible part of the key provided by the exchange to identify the user's account.	After creating an API on the exchange, the user pastes the API Key into this field.
Secret	This is the secret password of the API key. It is used for order signing and secure connection.	The user pastes the Secret Key into this field. The secret information must not be shared with anyone.

Passphrase	This is an additional password required by some exchanges for API security. It is typically set when creating the API, especially on exchanges like KuCoin.	If a Passphrase was set when creating the exchange API, it should be entered here. If the exchange does not require it, this field can be left blank.
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Security note: Quantivex AI is not designed to perform withdrawal operations. When creating the API, the user should not grant “withdraw” permissions. The API should only be used for reading market data and executing trades based on the user’s selected mode.

General Rules to Consider When Creating an API

- The API Key and Secret Key should be treated like a bank password and must not be shared with anyone.
- Withdrawal permission must be strictly disabled.
- If trading permission is required, only spot trading or buy/sell permissions should be enabled.
- The Secret Key is usually shown only once after the API is created. If it is lost, a new API must be generated.

Creating an MEXC API Key and Secret Key

1. Log in to your MEXC account.
2. Click on the user/profile icon in the top-right corner.
3. Go to the API Management section.
4. Select Create API.
5. Assign a recognizable name to the API (e.g., “Quantivex AI”).
6. Choose the required permissions. Market data reading and spot trading permissions can be enabled. Withdrawal permission must not be granted.
7. If available, enter your fixed IP address in the IP restriction field. If you do not have a fixed IP, evaluate this setting according to the exchange’s security policies.
8. Complete the security verification and copy the API Key and Secret Key.
9. In Quantivex AI, select Exchange = MEXC, fill in the API and Secret fields, and click the Save API button.

Creating a Binance API Key and Secret Key

1. Log in to your Binance account.
2. Go to the API Management section from the Profile / Account menu.
3. Select Create API.
4. Assign a descriptive name to the API (e.g., “Quantivex AI Bot”).
5. Complete the security verification.
6. Check the permissions: enable Read and Spot Trading, and keep Withdraw permission disabled.
7. Copy the API Key and Secret Key.
8. In Quantivex AI, select Exchange = Binance, fill in the API and Secret fields, and click the Save API button.

Creating a Bybit API Key and Secret Key

1. Log in to your Bybit account.
2. Go to the API or API Management section from the user/profile menu.
3. Select Create New Key.
4. Choose the System-generated API Key option.
5. Assign a name to the API (e.g., “Quantivex AI”).
6. Check the permissions: enable Spot Trading and Read permissions. Do not grant withdrawal permission.
7. Securely copy the API Key and Secret Key.

8. In Quantivex AI, select Exchange = Bybit, fill in the API and Secret fields, and leave the Passphrase field empty or enter it if required by the exchange.

Creating a Gate.io API Key and Secret Key

1. Log in to your Gate.io account.
2. Go to the API Management section from the profile menu.
3. Select Create API Key / Create New Key.
4. Assign a name to the API (e.g., "Quantivex AI").
5. Select Read and Spot Trading permissions. Do not grant withdrawal permission.
6. Review the security notices and complete the verification.
7. Copy the API Key and Secret Key.
8. In Quantivex AI, select Exchange = Gate.io, fill in the API and Secret fields, and click the Save API button.

Creating a KuCoin API Key, Secret Key, and Passphrase

1. Log in to your KuCoin account.
2. Go to the API Management section from the profile menu.
3. Select Create API.
4. Assign a name to the API (e.g., "Quantivex AI").
5. When creating the API, you may be asked to set a Passphrase. This Passphrase must be remembered.
6. Select Read and Spot Trading permissions. Do not grant withdrawal permission.
7. Copy the API Key, Secret Key, and Passphrase.
8. In Quantivex AI, select Exchange = KuCoin, fill in the API, Secret, and Passphrase fields, and click the Save API button.

1.3 Save API

The Save API button is used to store the API, Secret, and Passphrase information entered by the user in the application. When the user clicks this button, the program saves the required credentials to connect to the selected exchange and uses them for subsequent operations.

- If the API credentials are correct, the program can start retrieving data from the exchange.
- If the information is incorrect, the balance or coin list may not be retrieved.
- If the user switches to a different exchange, they must also save the API credentials for that exchange.

1.4 Clear API

The Clear API button clears the API, Secret, and Passphrase information on the screen. The user uses this button if they have entered incorrect information, want to connect a different account, or wish to remove the API connection.

- When this button is pressed, the previous API credentials will no longer be used.
- To reconnect, the API credentials must be entered again and saved using the Save API button.

1.5 Total Portfolio

Total Portfolio displays the user's total portfolio value. In Test Mode, this value starts with a virtual balance of 1000 USDT. In Live Trading mode, it is calculated based on the user's available USDT balance together with the current value of the open positions managed by the bot.

- Example: If there is 600 USDT available and open positions worth 400 USDT, the Total Portfolio will appear as approximately 1000 USDT.
- If the coins increase in value, the Total Portfolio may rise. If the coins decrease in value, it may decline.
- With this section, the user can determine whether they are making a profit or loss compared to their initial balance.

1.6 Free USDT

Free USDT shows the user's currently available USDT balance that can be used for trading. This amount is not yet allocated to any coin.

- When the bot opens a new trade, it typically uses the available balance shown in the Free USDT section.
- In Test Mode, this value represents a virtual balance.
- In Live Trading mode, the available USDT balance in the user's real exchange account is displayed.

1.7 Open Positions

Open Positions shows the number of active positions tracked by the bot. A position refers to a coin that the bot has purchased or taken over from the existing holdings in the exchange.

- If it is 0, the bot is not tracking any open coins.
- If it is 3, it means the bot is tracking three different trading pairs/coin positions.
- This number can be viewed in detail on the Positions & Sync screen.

1.8 PnL / Change

PnL / Change shows the user's profit or loss based on open positions and overall portfolio changes. PnL stands for "Profit and Loss."

- A positive value indicates profit.
- A negative value indicates loss.
- In Test Mode, virtual profit/loss is displayed. In Live Trading mode, the change in real tracked positions is shown.

1.9 Market Mode

Market Mode indicates how the bot interprets the overall market. By analyzing BTC and the general market structure, the bot classifies the market as strong, weak, or indecisive.

Field / Button	What is it used for?	How does the user use it?
BULLISH	The market appears favorable. There may be more buying opportunities.	If the bot detects a strong signal, it may be more inclined to open a trade.
MILD_BULLISH	The market appears slightly favorable. Opportunities exist, but it is necessary to be selective.	The bot does not act on every signal; it focuses on stronger signals.
NEUTRAL	The market is indecisive. There is no clear direction.	The user should not rush and should wait for a strong signal.
BEARISH	The market appears weak. The risk of decline is higher.	If necessary, the bot can close positions and move into USDT.

1.10 Bot Status

Bot Status briefly shows what the bot is currently doing. The user can track from here whether the bot is running, scanning the market, or identifying potential trade opportunities.

- Idle: The bot is idle.
- Scanning: The bot is scanning the market.
- No trade-worthy setup right now: There are currently no suitable opportunities to open a trade.
- Trade candidate found: The bot has found a potential trade opportunity.

2. Bot Control Page

The Bot Control page is the main control center of the program. Here, the user configures license settings, takes over existing exchange positions, selects Test Mode or Live Trading, sets the scanning interval, and starts or stops the bot. This page is the main screen where the automated trading logic is managed.

Field / Button	What is it used for?	How does the user use it?
Support & Sales	Displays the support and sales contact information.	The user can contact this address for licensing, purchasing, or technical support.
Bot Command Center	This is the control box used to run the bot.	The user selects the trading mode, synchronizes existing positions, and starts or stops the bot.
Description Text	The phrase "Choose mode, sync existing exchange holdings, then start the trading bot." explains the sequence of steps to the user.	First, the mode is selected; if necessary, existing positions are synchronized; then the bot is started.

2.1 License Settings

The License Settings button is used to enter or update the user's license key. License verification is required for the program to be actively used.

- New users enter their license key here.
- If the license has expired, a new license is defined here.
- Once the license is verified, the License information in the top section is updated.

2.2 Sync Existing Positions

Sync Existing Positions is used to include coins that the user has already purchased on the exchange into the bot's tracking system. For example, if the user holds AVAX in their MEXC account, pressing this button allows the bot to detect the AVAXUSDT position and start tracking it.

- This action does not create a new trade; it adds existing holdings to the bot's tracking list.
- The bot may record the acquired positions with the current market price as an estimated entry price.
- The acquired positions are displayed on the Positions & Sync page.
- These positions are then included in the bot's rules for profit protection, momentum weakening, and switching to USDT if market conditions deteriorate.

2.3 Trading Mode

Trading Mode determines whether the bot will execute real trades or operate in test mode. This section is very important because it defines whether the bot will trade with the user's real funds.

Field / Button	What is it used for?	How does the user use it?
Live Trading	Operates with the real exchange account. The bot can place real orders if it detects a suitable signal.	If the user wants to perform real trading, they should select Live Trading. The API credentials must be entered correctly.
Test Mode	Operates with a virtual balance of 1000 USDT. It does not place real orders.	If the user wants to test the bot, evaluate its performance, or learn without risk, they should select Test Mode.

Simple explanation: Test Mode uses virtual funds for practice. Live Trading operates with a real exchange account.

2.4 Scan Interval (sec)

Scan Interval determines how often (in seconds) the bot rescans the market. For example, if set to 120, the bot reanalyzes the selected coins approximately every 120 seconds.

- A lower value means more frequent scanning.
- Scanning too frequently may strain the computer and the connection.
- For default use, 120 seconds is a balanced setting.

2.5 Start Trading Bot

The Start Trading Bot button starts the bot according to the selected mode. If Test Mode is selected, the bot operates with a virtual portfolio. If Live Trading is selected, the bot can manage trades through the real exchange account.

- When the bot is started, operational information appears in the log area.
- The bot first scans the market, then determines whether there is a suitable trade opportunity.
- If no suitable opportunity is found, it does not open a trade. This shows that the bot does not act impulsively.

2.6 Stop Bot

The Stop Bot button stops the running bot. When the bot is stopped, automatic scanning and the process of opening new trades are halted.

- The status of open positions may remain on the exchange; Stop Bot only stops the bot from making new decisions.
- If the user wants to restart it, they can click the Start Trading Bot button.

2.7 Last Action

Last Action shows the most recent significant action or decision made by the bot. For example, if it displays "BUY BTCUSDT," it means the bot most recently generated or executed a buy action for BTCUSDT.

- The user can quickly see the bot's latest action here.
- Detailed history can be viewed in the log section.

2.8 Log Section

The Log section is an information box that displays the bot's actions and decisions line by line. It functions like the bot's activity log.

- System ready: The program is ready.
- License verified: The license has been verified.
- API credentials saved: The API credentials have been saved.
- Signal scan completed: The signal scan has been completed.
- No orders were placed: No trades were executed.
- Market risk detected: Market risk has been detected.
- Moving to USDT: The bot is attempting to close positions and move into USDT to avoid risk.

3. AI Signals Page

The AI Signals page is an analysis screen where the user can manually view market opportunities. This page does not place orders; it scans the selected coins and displays which ones appear stronger by scoring them. For automated trading, the Start Trading Bot on the Bot Control page should be used.

Field / Button	What is it used for?	How does the user use it?
Manual Signal Scan	Scans the selected coins once and displays the results in the table.	The user clicks this when they want to view the current market situation.
Start Live Signal Radar	Starts the signal radar and performs automatic scanning based on the specified interval.	The user uses this if they want to monitor the market without opening trades.
Stop Signal Radar	Stops the automatic signal radar.	The user clicks this when they no longer want automatic signal updates.
Clear Table	Clears the signal table.	Clears previous results and prepares a clean screen before a new scan.
Radar Description	Indicates that the radar refreshes according to the Scan Interval setting.	The user understands that the scanning frequency depends on the interval set in the Bot Control section.

3.1 Signal Summary Row

Information such as Exchange, Time, Market Mode, BTC Score, and the number of scanned coins may be displayed above the table. This row shows the user on which exchange, at what time, under which market conditions, and across how many coins the scan was performed.

- Exchange: Shows which exchange's data is being used.
- Time: Shows the time when the signal was generated.
- Market Mode: Indicates the overall market direction.
- BTC Score: A calculated score representing BTC's overall market strength.
- Scanned: Shows how many coins were analyzed. For example, if 25 coins are selected, the bot scans 25 coins.

3.2 AI Signals Table

Field / Button	What is it used for?	How does the user use it?
Coin	This is the name of the analyzed trading pair, for example BTCUSDT or AVAXUSDT.	The user can see which coin has generated a signal here.
Score	This is the coin's strength score ranging from 0 to 100. As the score increases, the signal is considered stronger.	90–100 is considered very strong, 70–90 good, 50–70 watchable, and below 50 weak.
Action	This is the bot's signal interpretation. It can be STRONG BUY, BUY, WATCH, or AVOID.	If the user plans to trade manually, this is the section they will look at most.
Confidence	This is the confidence level of the signal. It can be HIGH, MEDIUM, or LOW.	HIGH indicates higher reliability, MEDIUM suggests caution, and LOW indicates a weak signal.
Price	This is the approximate market price at the time of the scan.	The user can see the coin's current price here.
Reason	Explains why the signal was	The user can understand why the

	generated. EMA, RSI, trend, momentum, and structural information may be included here.	signal is strong or weak from here.
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3.3 How are Action values interpreted?

Field / Button	What is it used for?	How does the user use it?
STRONG BUY	A very strong buy signal. The trend, momentum, and overall market conditions may be favorable.	This is the most important signal for manual users to pay attention to. However, it should not be evaluated on its own; it should be considered together with Confidence and Market Mode.
BUY	There is a buy signal, but it is not as strong as STRONG BUY.	The user may consider trading with a smaller amount or proceeding more cautiously.
WATCH	It means "watch." The coin may be of interest, but a clear buy signal has not yet formed.	The user should wait without rushing.
AVOID	It means "avoid." The signal may be weak or risky.	The user should avoid opening a trade on this coin.

3.4 Technical expressions shown in the Reason field

- EMA9, EMA21, EMA50: Indicate the price's position relative to short-, medium-, and longer-term moving averages.
- Price above EMA9: The price is above the short-term average. This can be a positive sign.
- EMA9 above EMA21: The short-term trend is stronger than the medium-term trend.
- EMA21 above EMA50: The medium-term trend is stronger than the long-term trend.
- Strong stacked uptrend: The moving averages are aligned upward in order. This indicates a strong trend.
- RSI healthy: The RSI is not overextended and is in a healthy range.
- Higher high / higher low: The coin is forming higher highs and higher lows, which suggests a healthy trend.

3.5 Simple decision rule for manual users

A manual user can follow this simple sequence:

1. First, check the Market Mode. If it is BULLISH or MILD_BULLISH, the buying side is more favorable.
2. Then, look at the top coins in the AI Signals table.
3. Prioritize those with Action = STRONG BUY.
4. Signals with Confidence = HIGH are considered more reliable.
5. If the Score is 90 or above, the signal is strong.
6. If EMA and RSI indicators in the Reason field are positive, the signal is more meaningful.
7. Do not rush into coins marked as WATCH or AVOID.

Simple rule: If STRONG BUY + HIGH Confidence + BULLISH Market Mode occur together, the signal is strong. If WATCH or AVOID appears, it is better to wait.

3.6 Selected Signal Detail

The Selected Signal Detail section displays a more detailed explanation of a signal when the user clicks on a row in the table. This allows the user to evaluate not only the score but also the technical reasoning behind the signal.

4. Coin Selection Page

The Coin Selection page is used to choose which coins the bot or signal radar will scan. Here, the user selects the trading pairs they want to trade or monitor. Coins that are not selected may be excluded from the scan.

Field / Button	What is it used for?	How does the user use it?
Selected	Shows the number of coins selected on the screen.	For example, if it says Selected: 25, the user has selected 25 coins.
Approved	Shows the number of coins approved for scanning.	After making a selection, this number updates when the Approve Selection button is clicked.
Apply Saved Selection	Loads a previously saved coin selection.	The user clicks this to reuse previous settings.
Approve Selection	Approves selected coins as the active scanning list.	After selecting coins, the user must click this button.
Load Coins	Loads the list of supported coins from the selected exchange.	Used when the user selects a new exchange or wants to refresh the list.
Search	Used to search within the coin list.	For example, typing AVAX helps find AVAXUSDT more easily.
Filter	Filters the list based on the text entered in the Search field.	Applied after entering a search query.
Clear	Clears the search filter.	Used to display the full coin list again.
Manual Pair	Allows the user to manually enter a trading pair not found in the list.	For example, BTCUSDT can be entered. It must match the exchange format exactly.
Manual Add	Adds the manually entered trading pair to the list.	The user adds the coin they entered manually into the list.
Coin checkbox list	Provides a checkbox for each coin.	Checked items are selected; unchecked items are not selected.

Note: Trading pairs must be entered exactly as they are written on the exchange. For example, it may be necessary to enter BTCUSDT instead of BTC/USDT.

5. Positions & Sync Page

The Positions & Sync page is used to view the open positions tracked by the bot and to import existing exchange positions into the bot's system. This page answers the question: "Which coins is the bot currently tracking?"

Field / Button	What is it used for?	How does the user use it?
Position Tracking & Auto Sync	This is the section for position tracking and automatic synchronization.	The user can take over existing positions and view detailed information about open positions.
Sync Existing Positions	Adds non-USDT assets from the exchange into the bot's tracking system.	The user clicks this if they want the bot to track coins previously purchased.
Refresh Positions	Refreshes the position list.	The user clicks this to see updated values.
Position List Area	Displays the details of positions taken over or opened by the bot.	The user tracks coin, amount, entry price, current value, and profit/loss information here.

5.1 Fields visible in position details

Field / Button	What is it used for?	How does the user use it?
Symbol	The trading pair of the position. For example, AVAXUSDT.	The user sees which coin is being tracked.
Qty	The amount of the position. Shows how many coins the user holds.	For example, 11.39 AVAX.
Entry Price	The entry price accepted by the bot. For synced positions, this value may be estimated.	Used as the base price for profit/loss calculation.
Current Price	The current price of the coin.	Used to calculate the current value of the position.
Current Value	The current USDT value of the position.	The user sees how much USDT the position is currently worth.
Unrealized PnL	The unrealized profit/loss before the position is closed.	If positive, it indicates profit; if negative, it indicates loss.
Reason	Shows why the position was opened or how it was acquired.	For example, if it says Auto Position Sync, the position was taken over from the exchange.
Source	The source of the position. It may be Test Mode, Live Trade, or external exchange balance.	The user understands whether the position was opened by the bot or synced from the exchange.

6. Updates Page

The Updates page is designed to display announcements and update messages to the user. This section can be used for product updates, license notifications, maintenance information, or other important notices.

Field / Button	What is it used for?	How does the user use it?
Latest Announcements	The section where the latest announcements are displayed.	The user can read new updates or system messages here.
Announcement	The box where the announcement text is shown.	If there is an active announcement, it appears here. If not, it may display "No active announcement".
Refresh	Refreshes the announcement area.	The user clicks this to check whether there is a new announcement.
No active announcement	Indicates that there are no active announcements.	This is not an error; it simply means there are no new announcements to display.

7. Simple Usage Flow from Initial Setup to Trading

1. Open the program and complete the license verification.
2. Select the exchange to be used from the Exchange section.
3. Create the API Key, Secret Key, and, if required, Passphrase on the exchange.
4. Enter the API credentials into the program and click the Save API button.
5. On the Coin Selection page, select the coins to be scanned and click Approve Selection.
6. The user can first test the system using Test Mode.
7. If desired, manual signals can be monitored on the AI Signals page.

8. If Live Trading will be used, select Live Trading on the Bot Control page.
9. If there are existing coins on the exchange, they can be imported using Sync Existing Positions.
10. Click the Start Trading Bot button.
11. If the bot finds a signal, it manages trades; if no suitable opportunity exists, it waits.
12. The user can monitor the status via Total Portfolio, Free USDT, Open Positions, PnL / Change, and the Log section.

8. The Simplest Rules the User Should Know

- The bot does not have to open a trade at all times. If there is no suitable opportunity, waiting is the correct behavior.
- Test Mode does not use real money. It is suitable for learning and testing.
- Live Trading can execute real trades. The user must enter API credentials carefully.
- Withdrawal permission must not be enabled when creating an API.
- If coins are not selected on the Coin Selection page, the bot's scan list may be incomplete.
- The AI Signals page is for manual decision support; for automated trading, use Start Trading Bot.
- If Market Mode is BEARISH, the bot may act more cautiously or move into USDT.
- The Positions & Sync page can be reviewed regularly to monitor open positions.

9. Official Source Note for API Information

API creation steps may vary slightly depending on the current interface of each exchange. Therefore, users should also check the official help or documentation pages of the relevant exchange for the most up-to-date instructions when creating an API.

- MEXC: [API Management and API documentation](#).
- Binance: [API Management and API Key creation help page](#).
- Bybit: [API Management and API Key creation help page](#).
- Gate.io: [API Management and API usage help page](#).
- KuCoin: [API Management, API Key, Secret, and Passphrase documentation](#).