

Cryptometer API - Complete Documentation Reference Guide

Overview

This document provides comprehensive documentation for all Cryptometer API endpoints, including required parameters, response formats, and implementation notes. Use this as a reference guide for integrating Cryptometer data into your 48-Hour Paper Trading Dashboard.

API Key Information

- **Your API Key:** FJUyJ7594SIH1CatGo1cGWZRTvpYtWvGPuIsu4be
- **Base URL:** <https://api.cryptometer.io>
- **Rate Limit:** 10 requests per 5 seconds (Premium accounts can request an increase to 50 requests per 5 seconds)
- **Monthly Quota:** 10,000 API calls per month (Free tier)

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Market Data Endpoints

1. Market List

- **Endpoint:** `/coinlist/`
- **Access Status:** Accessible
- **Required Parameters:**
 - `e` (STRING): Exchange name (e.g., `binance`, `binance_futures`, `bybit`, etc.)

- `api_key` (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/coinlist/?e=binance&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "pair": "BTC-USD",
      "market_pair": "USD-BTC"
    }
  ]
}
```

- **Implementation Notes:** Use this endpoint to get standardized and market-specific cryptocurrency pairs.

2. Cryptocurrency Info

- **Endpoint:** `/cryptocurrency-info/`
- **Access Status:** Accessible
- **Required Parameters:**
- `e` (STRING): Exchange name (e.g., `binance`)
- `filter` (STRING): Algorithm filter (e.g., `defi`, `stablecoin`, `pow`)
- `api_key` (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/cryptocurrency-info/?e=binance&filter=defi&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "name": "1inch Network",
      "pair": "1INCH-BTC",
      "market_pair": "...",
      "total_supply": "...",
      "circulate_supply": "...",
      "price": "...",
      "high": "...",
      "low": "...",
      "volume": "...",

```

```

    "change_24h": "...",
    "change_1h": "...",
    "change_7d": "...",
    "change_30d": "..."
  }
]
}

```

- **Implementation Notes:** Provides detailed information on crypto assets with filters for various algorithms.

3. Coin Info

- **Endpoint:** /coininfo/
- **Access Status:** Accessible
- **Required Parameters:**
- **api_key** (STRING): Your API key
- **Example Request:** https://api.cryptometer.io/coininfo/?api_key=YOUR_API_KEY
- **Response Format:**

```

{
  "success": "true",
  "error": "false",
  "data": [
    {
      "symbol": "BTC",
      "name": "Bitcoin",
      "totalSupply": 21000000,
      "circulatingSupply": "...",
      "marketCap": "...",
      "price": "..."
    }
  ]
}

```

- **Implementation Notes:** Provides general information on cryptocurrency assets.

4. Forex Rates

- **Endpoint:** /forex-rates/
- **Access Status:** Accessible
- **Required Parameters:**
- **source** (STRING): Source currency (e.g., USD)
- **api_key** (STRING): Your API key

- **Example Request:** `https://api.cryptometer.io/forex-rates/?source=USD&api_key=YOUR_API_KEY`
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": [  
    {  
      "symbol": "AED",  
      "rate": 3.672499  
    },  
    {  
      "symbol": "AFN",  
      "rate": 69.5  
    }  
  ]  
}
```

- **Implementation Notes:** Provides forex currency rates with the specified source currency.
-

Technical Analysis Endpoints

5. Volume Flow

- **Endpoint:** `/volume-flow/`
- **Access Status:** Accessible
- **Required Parameters:**
 - `timeframe` (STRING): Time frame (e.g., `5m`, `15m`, `30m`, `1h`, `4h`, `d`)
 - `api_key` (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/volume-flow/?timeframe=1h&api_key=YOUR_API_KEY`
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": {  
    "inflow": [  
      {  
        "from": "USDT",  
        "to": "BTC",  
        "volume": 123456789  
      }  
    ]  
  }  
}
```

```

    "volume": 6317235.82611241
  }
],
"outflow": [
  {
    "from": "BTC",
    "to": "USDT",
    "volume": 7382180.62861627
  }
],
"netflow": [
  {
    "from": "USD",
    "to": "DOGE",
    "volume": 1388303.49836429
  }
]
}
}

```

- **Implementation Notes:** Provides liquidity inflow, outflow, and netflow data by currency pair.

6. Liquidity Lens

- **Endpoint:** /liquidity-lens/
- **Access Status:** Accessible
- **Required Parameters:**
 - **timeframe** (STRING): Time frame (e.g., 5m , 15m , 30m , 1h , 4h , d , 3d , w)
 - **api_key** (STRING): Your API key
- **Example Request:** https://api.cryptometer.io/liquidity-lens/?timeframe=1h&api_key=YOUR_API_KEY
- **Response Format:**

```

{
  "success": "true",
  "error": "false",
  "data": {
    "ETH": {
      "inflow": 37983823.22,
      "outflow": 36120337.7,
      "netflow": 1863485.52
    }
  }
}

```

```
}  
}
```

- **Implementation Notes:** Provides liquidity inflow, outflow, and netflow data across different timeframes.

7. Volatility Index

- **Endpoint:** /volatility-index/
- **Access Status:** Accessible
- **Required Parameters:**
 - **e** (STRING): Exchange name (e.g., binance)
 - **timeframe** (STRING): Time frame (e.g., 5m , 15m , 30m , 1h , 4h , d)
 - **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/volatility-index/?e=binance&timeframe=1h&api_key=YOUR_API_KEY`
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": [  
    {  
      "pair": "PSG-USDT",  
      "volatility": "1.116",  
      "price": "2.355",  
      "avg_price": "2.355",  
      "change": "0.00",  
      "volume": "1.00",  
      "volume_change": "0.00"  
    }  
  ]  
}
```

- **Implementation Notes:** Provides volatility data, price, average price, price change, volume, and volume change.

8. OHLCV Candles

- **Endpoint:** /ohlcv/
- **Access Status:** Accessible
- **Required Parameters:**
 - **e** (STRING): Exchange name (e.g., binance)
 - **pair** (STRING): Market pair (e.g., BTC-USDT)

- **timeframe** (STRING): Time frame (e.g., 5m , 15m , 30m , 1h , 4h , d)
- **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/ohlcv/?e=binance&pair=BTC-USDT&timeframe=d&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "timestamp": "2025-06-02T06:00:00.000Z",
      "open": 104833.79,
      "high": 104833.79,
      "low": 104833.79,
      "close": 104833.79,
      "volume": 0,
      "volume_quote": 0,
      "volume_base": 0,
      "buy_volume_quote": 0,
      "buy_volume_base": 0,
      "sell_volume_quote": 0,
      "sell_volume_base": 0,
      "trade_count": 0
    }
  ]
}
```

- **Implementation Notes:** Provides historical OHLCV data for a specific cryptocurrency pair, exchange, and timeframe.

9. LS Ratio

- **Endpoint:** `/ls-ratio/`
- **Access Status:** Accessible
- **Required Parameters:**
- **e** (STRING): Exchange name (e.g., binance_futures)
- **pair** (STRING): Market pair (e.g., BTC-USDT)
- **timeframe** (STRING): Time frame (e.g., 5m , 15m , 30m , 1h , 4h , d)
- **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/ls-ratio/?e=binance_futures&pair=BTC-USDT&timeframe=1h&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "ratio": "0.55",
      "buy": "35.55",
      "sell": "64.45",
      "close": 104710,
      "delta": "-0.01"
    }
  ]
}
```

- **Implementation Notes:** Provides Long/Short ratio data, including ratio, buy percentage, sell percentage, close price, and delta value.

10. Tickerlist Pro

- **Endpoint:** /tickerlist-pro/
- **Access Status:** Accessible
- **Required Parameters:**
 - e (STRING): Exchange name (e.g., binance)
 - api_key (STRING): Your API key
- **Example Request:** https://api.cryptometer.io/tickerlist-pro/?e=binance&api_key=YOUR_API_KEY
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "market_pair": "1000CATBNB",
      "pair": "1000CAT-BNB",
      "symbol": "1000CAT",
      "price": "...",
      "usd_price": "...",
      "high": "...",
      "low": "...",
      "volume_24": "...",
      "change_24h": "...",
      "change_1h": "...",
      "change_7d": "...",
      "change_30d": "...",
      "change_90d": "...",
    }
  ]
}
```



```
"change_ytd": "..."  
}  
]  
}
```

- **Implementation Notes:** Provides comprehensive data on multiple crypto assets including pricing and change metrics.

11. Merged Buy/Sell Volume

- **Endpoint:** /merged-trade-volume/
- **Access Status:** Accessible
- **Required Parameters:**
 - **symbol** (STRING): Symbol name (e.g., BTC)
 - **timeframe** (STRING): Time frame (e.g., 5m , 15m , 30m , 1h , 4h , d)
 - **exchange_type** (STRING): Exchange type (e.g., spot , futures)
 - **api_key** (STRING): Your API key
- **Example Request:** https://api.cryptometer.io/merged-trade-volume/?symbol=BTC&timeframe=1h&exchange_type=spot&api_key=YOUR_API_KEY
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": [  
    {  
      "buy": 249.714469888,  
      "sell": 230.862561798  
    }  
  ]  
}
```

- **Implementation Notes:** Provides merged buy and sell volumes for a specific cryptocurrency symbol, timeframe, and exchange type.

Market Sentiment Endpoints

12. Total Liquidation Data

- **Endpoint:** /liquidation-data-v2/
- **Access Status:** Accessible
- **Required Parameters:**

- **symbol** (STRING): Symbol name (e.g., btc)
- **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/liquidation-data-v2/?symbol=btc&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "binance_futures": {
        "longs": 2087099.13147,
        "shorts": 4153610.0
      },
      "bybit": {
        "longs": 0,
        "shorts": 0
      }
    }
  ]
}
```

- **Implementation Notes:** Provides 24-hour liquidation data in USD across various exchanges.

13. Trend Indicator V3

- **Endpoint:** `/trend-indicator-v3/`
- **Access Status:** Accessible
- **Required Parameters:**
- **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/trend-indicator-v3/?api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "trend_score": 20.85,
      "buy_pressure": 52.12,
      "sell_pressure": 79.15,
      "timestamp": "2025-06-02T06:00:00.000Z"
    }
  ]
}
```

```
}  
]  
}
```

- **Implementation Notes:** Provides market trend score (0-100), buy pressure (%), and sell pressure (%).

14. Rapid Movements

- **Endpoint:** /rapid-movements/
- **Access Status:** Accessible
- **Required Parameters:**
- **api_key** (STRING): Your API key
- **Example Request:** https://api.cryptometer.io/rapid-movements/?api_key=YOUR_API_KEY
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": [  
    {  
      "pair": "TOKAMAK-KRW",  
      "exchange": "bithumb",  
      "change_detected": 5.26,  
      "side": "BUY",  
      "timestamp": "2025-06-02T05:30:00.000Z"  
    }  
  ]  
}
```

- **Implementation Notes:** Provides data on assets that have experienced rapid upward movements in price over the last 4 hours.

Whale Activity Endpoints

15. xTrade (Whale Trades)

- **Endpoint:** /xtrades/
- **Access Status:** Accessible
- **Required Parameters:**
- **e** (STRING): Exchange name (e.g., binance)

- **symbol** (STRING): Symbol name (e.g., `btc`) - Note: Use `symbol`, not `pair`
- **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/xtrades/?e=binance&symbol=btc&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "u_id": 5882888,
      "pair": "BTC-USDT",
      "exchange": "binance",
      "price": 36500,
      "size": 19.999999,
      "total": 729999.9635,
      "side": "SELL",
      "timestamp": "2021-05-29T04:30:05.000Z"
    }
  ]
}
```

- **Implementation Notes:** Returns data on executed large trades made by whales. Must use `symbol` parameter, not `pair`.

16. Large Trades Activity

- **Endpoint:** `/large-trades-activity/`
- **Access Status:** Accessible
- **Required Parameters:**
 - **e** (STRING): Exchange name (e.g., `binance`)
 - **pair** (STRING): Market pair (e.g., `BTC-USDT`)
 - **api_key** (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/large-trades-activity/?e=binance&pair=BTC-USDT&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": [
    {
      "pair": "XUSD-USDT",
      "quantity": 402495,
```

```
"total": 402333.99,  
"side": "BUY",  
"timestamp": "2025-06-02T05:45:00.000Z"  
}  
]  
}
```

- **Implementation Notes:** Provides information on significant trading activity.
-

AI Analysis Endpoints

17. AI Screener

- **Endpoint:** /ai-screener/
- **Access Status:** Accessible
- **Required Parameters:**
 - type (STRING): Data range (latest or full) - Note: Use full for reliable data
 - api_key (STRING): Your API key
- **Optional Parameters:**
 - type=latest : Returns data from the last 12 hours
 - type=full : Returns data from the last month
- **Example Request:** https://api.cryptometer.io/ai-screener/?type=full&api_key=YOUR_API_KEY
- **Response Format:**

```
{  
  "success": "true",  
  "error": "false",  
  "data": [  
    {  
      "pair": "B3-USD",  
      "symbol": "B3",  
      "exchange": "coinbase_pro",  
      "entry_price": 0.009811,  
      "price_reached": 0.010645,  
      "pnl": 8.5,  
      "side": "BUY",  
      "entry_time": "2023-08-08T21:13:00.000Z",  
      "status": "open"  
    }  
  ]  
}
```

```
]
}
```

- **Implementation Notes:** Returns AI Screener trades. Always use `type=full` parameter to get historical AI trade recommendations. The `type=latest` option may only return data when there are very recent trades (within 12 hours).

18. AI Screener Analysis

- **Endpoint:** `/ai-screener-analysis/`
- **Access Status:** Accessible (Symbol-dependent)
- **Required Parameters:**
 - `symbol` (STRING): Symbol name (e.g., FUN , ETH , SOL , DOGE , ADA , BNB)
 - `api_key` (STRING): Your API key
- **Example Request:** `https://api.cryptometer.io/ai-screener-analysis/?symbol=FUN&api_key=YOUR_API_KEY`
- **Response Format:**

```
{
  "success": "true",
  "error": "false",
  "data": {
    "ratio": "0.00",
    "trades": [
      {
        "pair": "FUN-USDT",
        "symbol": "FUN",
        "exchange": "binance",
        "entry_price": 0.005771,
        "price_reached": 0.006288,
        "pnl": 8.96,
        "side": "BUY",
        "entry_time": "2024-02-22T05:58:00.000Z",
        "status": "closed"
      }
    ]
  }
}
```

- **Implementation Notes:**
 - Returns AI-driven trade analysis including success rate and historical trades
 - Accessible for specific symbols: FUN, ETH, SOL, DOGE, ADA, BNB
 - Returns "No updates!" for symbols without data: BTC, DOT, LINK, XRP
 - Implement a multi-symbol polling strategy that checks all major symbols
-

Implementation Recommendations

Scoring System Integration

- **Weight Distribution:**
- RiskMetric: 20% of total score
- KingFisher: 30% of total score
- CryptoMeter: 50% of total score (using the accessible endpoints)

For AI Screener:

- Always use `type=full` parameter to get historical AI trade recommendations
- The `type=latest` option may only return data when there are very recent trades (within 12 hours)

For AI Screener Analysis:

- Implement a multi-symbol polling strategy that checks all major symbols
- Focus on the symbols that consistently return data (FUN, ETH, SOL, DOGE, ADA, BNB)
- Consider implementing a fallback mechanism when specific symbols return no data

Error Handling:

- For endpoints that return "No updates!" or similar errors, implement retry logic with different parameters
- For AI Screener Analysis, try multiple symbols if one returns no data
- Implement proper error handling for rate limiting (10 requests per 5 seconds)

Data Refresh Strategy:

- Critical endpoints (LS Ratio, Trend Indicator, Volatility): Update every 5-15 minutes
- Historical data endpoints (OHLCV, AI Screener): Update hourly or daily
- Market data endpoints (Tickerlist Pro, Cryptocurrency Info): Update hourly

API Key Management:

- Store your API key securely
 - Monitor your API usage to stay within the 10,000 monthly call limit
 - Consider upgrading to premium if you need more calls or higher rate limits
-

Troubleshooting

Common Errors:

- **"No updates!":** The endpoint has no data available for the requested parameters
- **"Parameter is missing":** Check that all required parameters are included
- **Rate limiting errors:** Ensure you're not exceeding 10 requests per 5 seconds

If an endpoint is not accessible:

1. Verify all required parameters are included and correctly formatted
2. Try different parameter values (e.g., different symbols, timeframes)
3. Check if the endpoint requires a paid subscription
4. Contact Cryptometer support at info@cryptometer.io

This documentation was compiled on June 2, 2025, based on testing with API key `FJUyJ7594SIH1CatGo1cGWZRTvpYtWvGPuIsu4be` .