Having low spreads is very important, a high spreads, can totally compromises your trading, it can transform winnings into ->->->->-> losses

For all Expert Advisor an ECN broker is strongly recommended, you can use:
https://roboforex.com/?a=syok

Dark Mimas Full strategy explanation

BASIC SETTINGS

- Magic Number: ID number of the orders.
- Max Spread: maximum spread to trade.

Money Management Settings

- Lots: number of lots, if the money management option is disabled.
- Money Management: if true enables the money management option.
- Risk Percent: if the money management option is enabled, it indicates the risk amount, based on your account balance.
- Max Lot Amount: the EA cannot open a lot larger than this (put 0 for disable)

Indicators Settings

Dark Oscillator

- Dark Oscillator Strategies: The strategies describe themselves, very intuitive, otherwise refer fully explain below
- Dark Oscillator Period: Periods of Dark Oscillator Indicator
- Dark Oscillator Method: Method for Dark Oscillator Indicator
- Dark Oscillator Applied Price: Price for Dark Oscillator Indicator
- Dark Oscillator Up Level: Up Level for Dark Oscillator
- Dark Oscillator Down Level: Down Level for Dark Oscillator
- Dark Oscillator Additional Rules: Additional Rules for Dark Oscillator
- Dark Oscillator Timeframe: Timeframe of Dark Oscillator Indicator

Trading Hour

- Enable Time Filter: if true, enables the time filter (if false, EA can trade during any hour)
- Trading Start Hour: operating start Hour
- Trading Start Minute: operating start minutes
- Trading Stop Hours: operating end Hour
- Trading Stop Minute: operating end minutes
- Close everything Out of hours: close all orders at the end of the timetable.

Note: By default, grid operations don't have to respect trading hours, to change this, go to grid settings

Trading Days

- Monday: if true, Trading on this Day is allowed.
- Tuesday: if true, Trading on this Day is allowed.
- Wednesday: if true, Trading on this Day is allowed.
- Thursday: if true, Trading on this Day is allowed.
- Friday: if true, Trading on this Day is allowed.
- Saturday: if true, Trading on this Day is allowed.
- Sunday: if true, Trading on this Day is allowed.

Note: By default, grid operations don't have to respect trading days, to change this, go to grid settings

Trading Directions

- Allow Buy: if true, Ea can trade with buy orders.
- Allow Sell: if true, Ea can trade with sell orders.
- Allow Buy and Sell at the same time: If true, I can have 1 Trade buy and 1 Trade sell (or more) at the same time. If false, I cannot open a trade buy with 1 Trade Sell at market. and viceversa
- Allow Order From others charts at same time: If true, I can have 1 Trade from this chart and 1 Trade from another chart (or more) at the same time. If false, I cannot open a trade from the current chart with 1 Trade from another chart at market.

Note: grid operations don't have to respect Allow Buy and Allow Sell, So if a sell order is already open, it is possible to open other sell orders

Trading Settings

- Max Orders Buy: Maximum number of orders, for long
- Max Orders Sell: Maximum number of orders, for short
- One Trade Bar: if true, robot can open only one trade for bar. Note, this is for the first order of the series, it is not for Grid orders, for grid orders go to the grid settings below.
- Do Not Open Orders if there is Closed Order on Current Bar
- Orders Timeframe: Timeframes for the orders (related to One Trade Bar and DoNotOpenOrders...)

Grid Settings

- Enable Grid: if true, enable grid orders, if false, disable grid orders, in this case, I recommended you, to go to set a stop loss.
- Grid Orders Comply Max Spread Condition: if true, grid orders respect the "Max Spread" parameter for open at market
- Grid Orders Comply Indicators Conditions: if true, grid orders respect all the Indicators Conditions for open at market (if false, They will be based on the Minimum Distance and other parameters that may be set)
- Grid Orders Comply Hours Conditions: if true, grid orders respect Trading Hours set above, for open at market. (if false, grid orders will open at any time)
- Grid Orders Comply Week Days Conditions: if true, grid orders respect Trading Days settings for open at market. (if false, grid orders can open also if a day is on "false" status)
- Grid Management: Type of Lots management. -> Below you will find a very detailed explanation of this setting.
- Coefficient Grid Management: Multiplier for, lots sum, martingale, all lots sum. -> Below you will find a very detailed explanation of this setting.

- Min Distance: Min Distance for Next Order in Point. -> Below you will find a very detailed explanation of this setting.
- Min Distance Multiplier: Multiply Min Distance for Each Orders. If 2 for example, Min Distance Doubles for any open order
- One Trade Bar Grid: if true, robot can open only one trade for bar for grid orders.
- Grid Order Timeframe: (related on "One Trade Bar Grid")
- Min Distance On Atr: Min Distance for new grid order calculate on Atr Value * Multiplier.
- Atr Period: Atr Periods for calculate atr for min distance.
- Atr Multiplier: Value for multiply Atr.
- Atr Timeframe: Atr timeframe for calculate atr min distance.

Closure on Indicator

- Enable Closing on Dark Oscillator: Enable to close Trades on Dark Oscillator Rules
- Closure Type: Select the rules, for close orders on Dark Oscillator
  'Close on Opposite signal': Buy orders will be closed when we have a Sell signal, and viceversa
- Close Buy Over Up Level Close Sell Below Low Level
- Close Buy Below Low Level Close Sell Over Up Level: Close operations, when the levels set below are exceeded…
- Close Up Level: Up Level for close orders
- Close Down Level: Down Level for close orders
- Respect Spread Allowed While Closing On Indicator: if true, Close on indicator can close orders only if spread is under the "Max Spread" value
- COI Only in Profit (COI = Close on indicator): if true, close on indicator can close orders only if Profit is more then 0.

Target Settings

- Take Target: Coefficient Target in Point. (This is a Global Take Profit, for open orders on the current chart) (sell and buy separated)
- Different Take Target for first order: if true, use a Different Take Target if we have only 1 order at market. (the first order of a series)
- Take Target first orders: if previous parameter is Enabled (true), you have to set the Take Target for the first order
- Stop Target: Coefficient Stop in point. (this is a Global Stop Loss in point, for open orders on the current chart) (fir Buy or sell) Note: By default is disabled, for enabled it, check next parameter
- Stop Target Mode: by default disabled, then you can change in "First Order" or "default"
  "First order" mean, The global Stop Loss will be placed X points from the first order. When it is reached, all open orders will be closed at a loss (sell and buy separated)
  "Default" mean, the global Stop Loss will be placed X point from the 'Weighted average of the entry point' for the current open orders. When it reached, all open orders will be closed at a loss. (sell and buy separated)
- Close Trades Only at End of Bar: if true, close Trade only at end of bar. (I mean only at the end of the bar time, on the "Close" price)
- Close Mode: You can change the default calculation method, both for stop target and take target ->
  in "Average Point" so without weigh the amount of the lot.
  "Breakeven" Grid orders will be closed as soon as they hit 0 profit/loss (This option is not considered when there is only 1 open order per direction)
  Fix Money as a point: If take target is 50 points, the profit will be closed with 50 cents profit for every 0.01 open lots

Monetary Loss

- Enable Monetary Loss: if true, close on "monetary loss amount".

- Multiply Monetary Loss: if true, Multiply "Monetary Loss amount" X 100 X Start Lot amount
- Stop EA after Monetary loss: Remove the EA from chart When Maximum Monetary Loss is Hit.
- Maximum Monetary Loss: Loss in Money for close all orders.

Percentage Loss

- Enable Percentage Loss: if true, close on "Loss Amount in Percentage" amount in percentage of account balance.
- Stop EA after Percentage Loss: Remove the EA from chart When "Loss Amount in Percentage" is Hit.
- Loss Amount in Percentage: Loss in Percentage on the account balance, for close all orders.

Average Trailing Stop

- Enable Average Trailing Stop: if true, enable average trailing stop
- Only In Profit: if true, the average trailing stop start only if trades are in Profit
- Broker Commission: Put your broker commission amount for 1 lot trade
- Average Trailing Stop Value: Trailing Stop Value in point
- Average Trailing Step Value: Trailing Step Value in point

Note: The Average Trailing Stop, acts on all open orders in one direction (buy and sell) by calculating the weighted average entry point
Note 2: you can see the Yellow line for it

Close Trade Settings

- Freezes All Friday: no position will be changed, the Ea is completely frozen.
- Freezes Hour: Time of the previous parameter.
- Close Friday Night: it makes it much more likely that we will not have orders in the weekend, in fact, it closes all orders in earnings and prevents the opening of other orders. (but if we have orders at a loss, they will be left open, to allow the grid to recover)
- Close Friday Hour: Time of the previous parameter.
- Forced Close Friday Night: Forced closure even if orders are at a loss.
- Forced Close Friday Hour: Time of the previous parameter.

Graphic Settings

- Custom Comment: personalized comment for each order.
- Show Panel: if true, Show Info Panel
- Show Button: if true, Show close Buy, close sell, and close all buttons
- Custom Chart: if true, use my favorite colors for the current trading chart.
- Show Alert: if true, show spread and others useful alert
- Spread Value for alert: if spread is over this value, EA show an alert
- Latency Value for Alert: if latency in MS is more then this, EA show an alert

Note: these alerts are only on during the first start of the EA

Note: If you use Mql5 VPS, please disable "Show Alert" otherwise EA can't open trades

Optimization Settings

- Minimum Trades: If the number of Trades is less than this, OnTester value will be 0

Note: for this EA, by default, OnTester Value is net Profit/Monetary Drawdown

BASE

The First Trade is open based on **Dark Oscillator** Indicator.

To be able to view the indicator on the chart, get it here:

MT4: https://www.mql5.com/en/market/product/64139

MT5: https://www.mql5.com/en/market/product/64140

Everything else acts as a filter and trade management.

Order Timeframe:

If One Trade Bar is enabled, the expert opens maximum One Trade for bar. if we are on M1 and we select M5, will open 1 trade each 5 minute bar. it will therefore look like 1 trade every 5 bars (from the m1 view)

You can change it from "Order Timeframe".

With Alternation Opening Bars you can change the order step, from all the bars (0 default) to for example, a bar yes, a bar no (1) or….. 1 bar yes, 2 bars no (2) etc ...

DARK OSCILLATOR

Dark Oscillator Strategies: To understand these, I Strongly recommended to apply the Dark Oscillator on the chart, during a Backtest or demo trading

Ps. To be able to view the indicator on the chart, get it here:

MT4: https://www.mql5.com/en/market/product/64139

MT5: https://www.mql5.com/en/market/product/64140

Then: Buy Green Arrow Sell Red Arrow
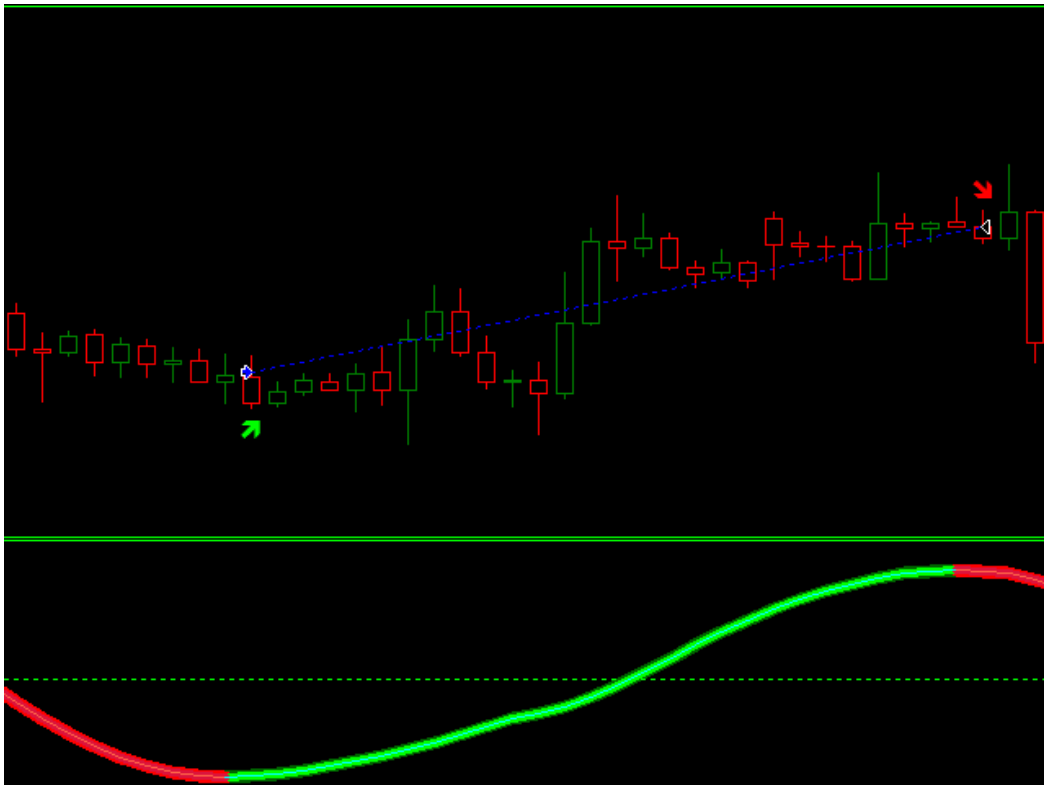
Here you can see, the first order, which was opened as a Buy, as the arrow is Bull (Green)

This is because the oscillator line has turned green. So We go to Buy.

Instead, when the indicator line turns red, a bear (red) arrow will appear, then the EA will go sell.

Strategy 2: Buy Red Arrow Sell Green Arrow: This strategy does the opposite of the previous one

So: Buy order if the line become Red (and red arrow), then Sell order if the line become Green (and green arrow)

Strategy 3: Buy Green Sell Red: Similar to strategy 1, but, the EA does not wait for arrows, the EA opens new orders immediately, if the indicator is on red it opens sell orders, if the indicator is on green it opens buy orders.

Strategy 4: Buy Red Sell Green: Similar to strategy 2, but, the EA does not wait for arrows, the EA opens new orders immediately, if the indicator is on red it opens Buy Orders, if the indicator is on green it opens Sell orders.

Strategy 5: Buy Below Down Level Sell Over Up Level

For this strategy, the rules are totally different -> In fact, you have to look at the value of the indicator, if the value of the indicator is less than Down Level, the EA will make a Buy Order, if the indicator is greater than Upper Level, the EA will make Sell Order

Note: The arrows are totally ignored

Strategy 6: Buy Over Up Level Sell Below Down Level: so the previous strategy, but with reverse rules:

If the value of the indicator is less than Down Level, the EA will make a Sell Order, if the indicator is greater than Upper Level, the EA will make Buy Order

With "Dark Oscillator Additional Rules", You can combinate strategy 1-4 with strategy 5 and 6
The 2 conditions must be True at the same time to trigger the order.

If you want to suggest other strategies to add with this indicator, please contact me

FILTERS

All these indicators and settings are filters.

Clarification: all filters, will affect the first order open, grid orders will be opened anyway, on the step and modality defined below. You can also activate these filters in the grid settings, Separately.

Standard time filter

Standard Trading Days filter

Standard Direction Filter

GRID

Grid Management: Type of Lots management.

4 forms of lots management are available

- Fix: all trades = fix lot
- Lots sum: we sum base lot * Coefficient grid management.

    Example, if I have 1 order buy and grid management is 1, next buy order will be 0.02, 0.03, 0.04 …

    If I have 5 buy orders, first sell order will be 0.01.

All Lots Sum

we count all the orders.

    Example, if I have 1 order buy and grid management is 1, next buy order will be 0.02, 0.03, 0.04 …

    If I have 5 buy orders, first sell order will be 0.06. all lots sum, buy + sell orders so

Martingale

Classic lot multiplier. So if Coefficient Grid Management = 2. First order 0.01, second order 0.02, 0.04, 0.08, 0.16…….

You can also use decimal value for all Grid management coefficient like 1.5, 1.1 etc…..

Min Distance: Distance for Next Order in point, if "One Trade Bar Grid" is false and "Min Distance On Atr" is false. -> otherwise this is the Minimum Distance, for open a grid trade

Min Distance Multiplier, multiply the Minimum Distance for the number of orders, for example if min distance is 100, and this multiplier is 1.5, the First grid order will be at 100 point, the second at 15 point, the third at 225 point (150*1.5), the 4° at 337 point (225*1.5)

If "One Trade Bar Grid" is on true, we open only on Open of new Bar and Min Distance from previous order. Grid Order Timeframe is about this parameter.

Min Distance On Atr: Min Distance for new grid order calculate on Atr Value * Multiplier.

Atr Multiplier: Value for multiply Atr.

Closure on Indicator

This section enable you to close the Trades on the Main Indicator of the EA, in this case, Dark Oscillator
"Close on Opposite Signal" mean, the trade or trades will be close on the opposite signal (of the current strategy, so if there is Sell Signal, all Buy trades will be closed
Image Example:

In this example the EA close the buy orders, because a Sell Signal Occur (The strategy selected, is strategy 1, so "Buy Green Arrow Sell Red Arrow")
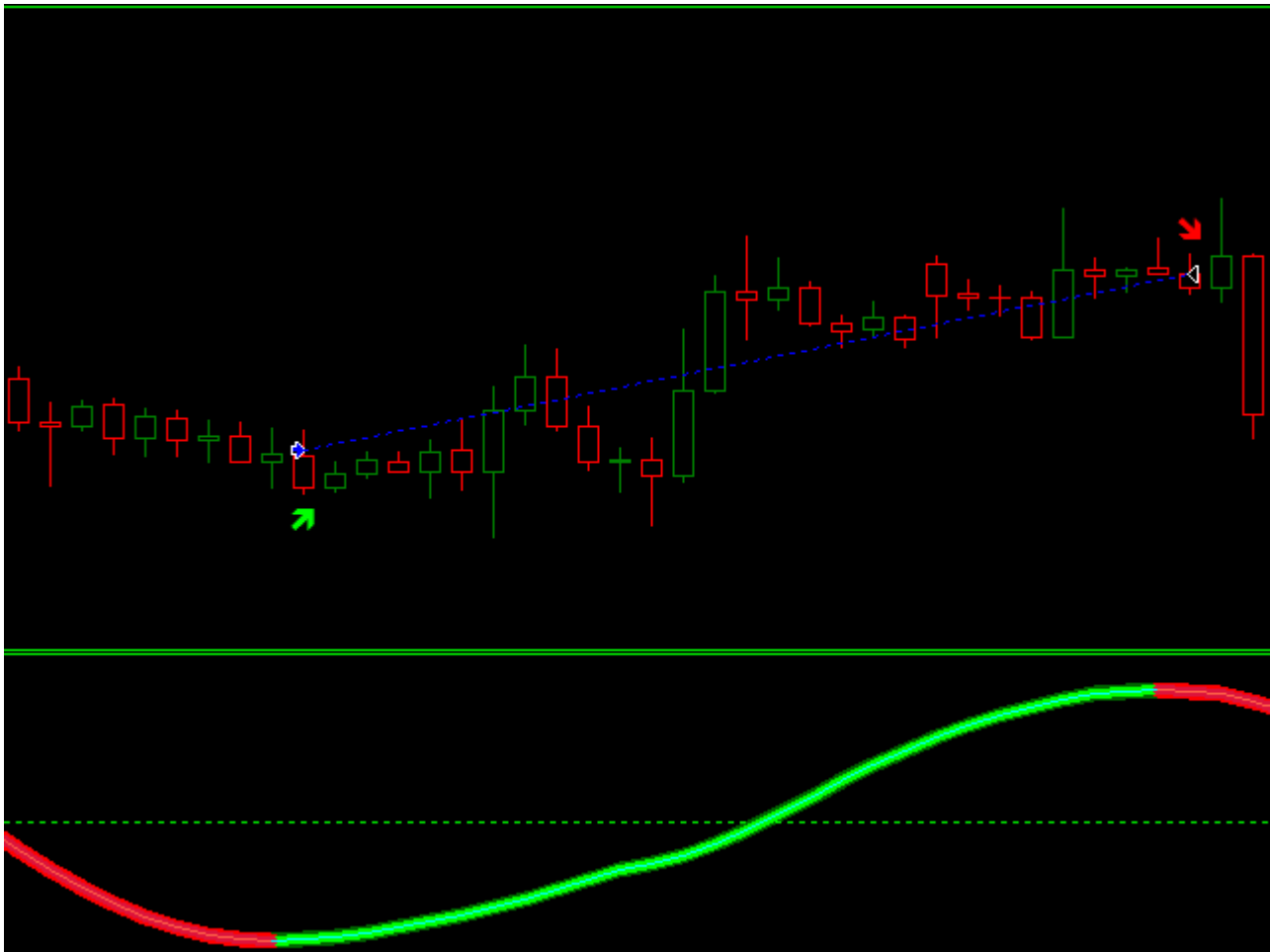
The other 2 closing methods are based on Close Up Level and Close Down Level.

With: Close Buy Over Up Level Close Sell Below Low Level -> you need to look at the EA value (Arrows and colors will be ignored) -> If the value is Over Up Level, the EA close all Buy orders opened. If the value is Below Low Level, the EA close all Sell orders opened.

With: Close Buy Below Low Level Close Sell Over Up Level -> you need to look at the EA value (Arrows and colors will be ignored) -> If the value is Over Up Level, the EA close all Sell orders opened. If the value is Below Low Level, the EA close all Buy orders opened.

If you want to suggest others strategies to close, contact me

<u>Target Settings</u>

- Close Mode: how to calculate exit point.
  - a) Average Point.
  - b) Average Point Weighted: based on Lots value.

Example, we open 1 trade sell for 0.01 at 1.00010.

1 trade sell for 0.03 at 1.00050

So (1.00050*0.03)+(1.00010*0.01) all / (0.03+0.01)

So 150+10= 160, /4 = 40. So 1.00040, when price hit this point we close all trades.

c) Breakeven: Close Grid Orders to breakeven.

If we have 1 order, it close to take target, if we have 2 orders or more, if Ea see trades in gain, immediately close.

d) Fix Point: Close Grid Orders to Fix Point Take Target. If take target is 50, it close all orders to 0.50 cent (if you have 0.01 as a basic lot)

Close Trade Settings

- Take Target On Atr: when this setting is active, the take target value will not be used, but the calculated Real Time value based on atr will be used.

Example:

Take Target Atr Period: 9

Take Target Multiplier: 2.5

Take Target Timeframe: Current

If we are in M5, Ea create a Atr Indicator, with 9 periods, in M5. If for example value is 0.00070, it multiply the value * 2.5 so = 0.00175 this is our New Take Target value for this trade (175 point)
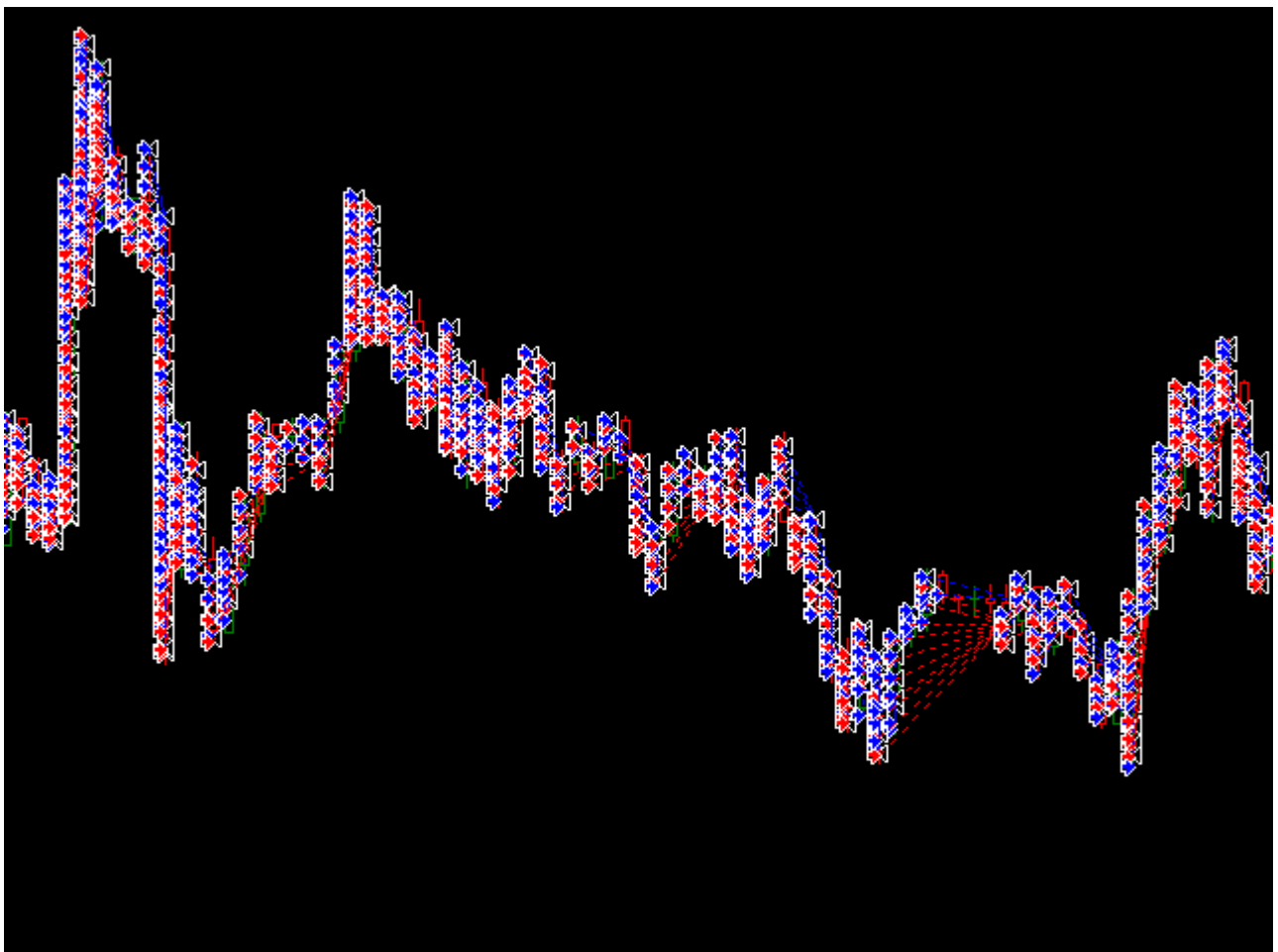
for now these are the settings, for more information ask in telegram group! Very thanks!

Recommendations

For all Expert Advisor an ECN broker is strongly recommended, you can use:
https://roboforex.com/?a=syok

Having low spreads is very important, a high spreads, can totally compromises your trading, it can transform winnings into ->->->-> losses

You can also earn cash back at your favourite brokers, for every open trade:
https://www.cashbackforex.com#cid_1149

Also VPS is strongly recommended, you can use: https://cheapvps.co/billing/aff.php?aff=383

Your platform must remain open 24 hours a day

I recommend windows Vps, this is a sort of small computer, totally online, check this little example video for access to your new vps: https://www.youtube.com/watch?v=xwjg5nGAYfE

Thank you very much for your attention.

Telegram Channel Link: https://t.me/darktradingchannel
Telegram Group Link: https://t.me/darktradingroup
Download Others High Quality Free EAs: https://www.mql5.com/en/users/msolito59/seller