



EA

«FlatCatcher»

Version 1.6 (build 2)

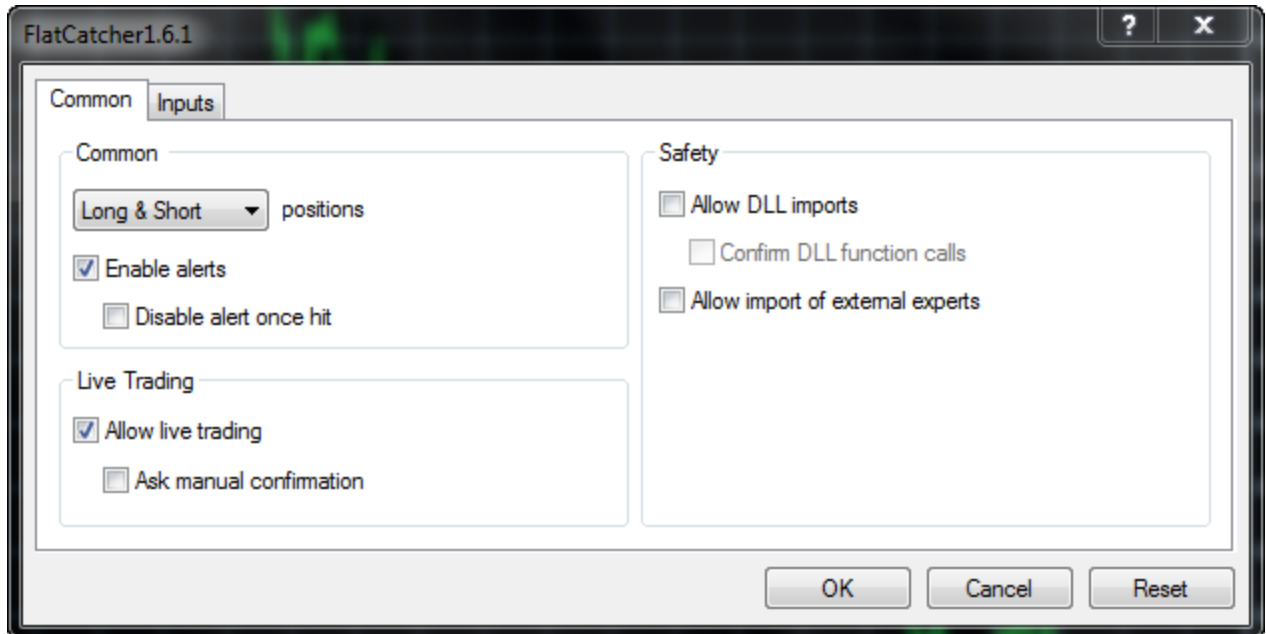
Table of Contents

«FlatCatcher».....	1
EA PARAMETERS.....	3
Common (with default values)	3
Inputs (with default values).....	3
MAIN COEFFICIENTS.....	4
MODES.....	4
SWITCHES	4
MM (money management)	5
VIEW	7
Recommendations.....	8
Risk Management.....	8

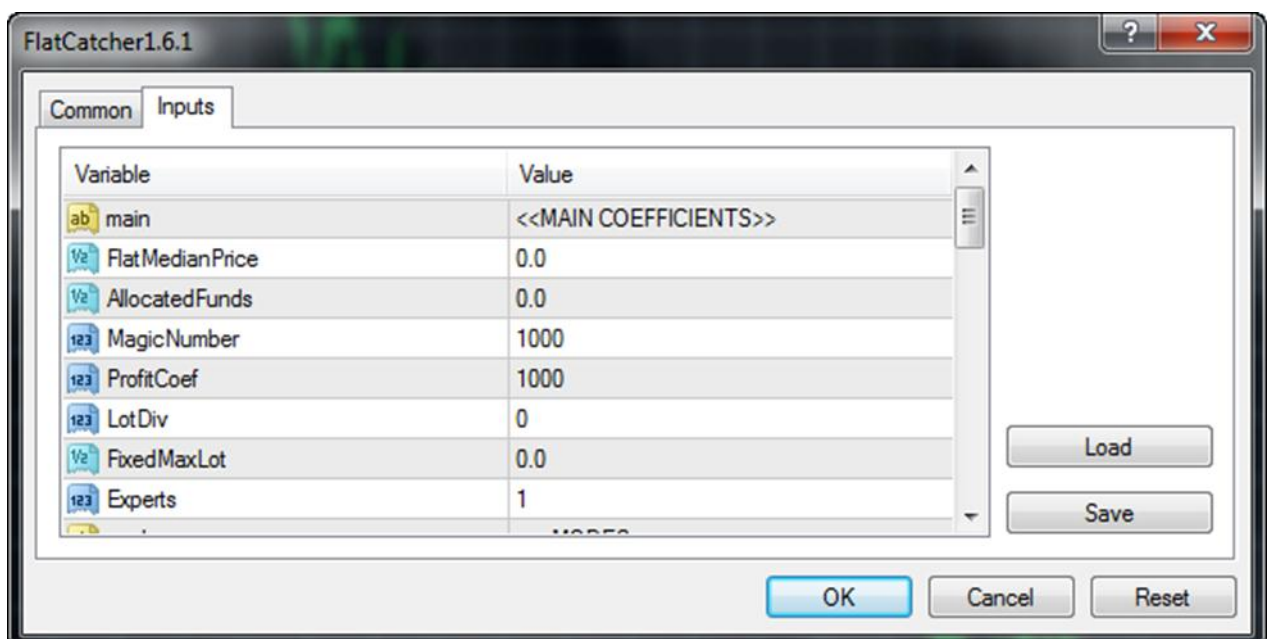
EA PARAMETERS

Common (with default values)

Please note: EA will work properly if EA common parameters looks the same as on the screen.



Inputs (with default values)



MAIN COEFFICIENTS

FlatMedianPrice

Base price for the balance line.

AllocatedFunds

It is funds that EA uses in its trading.

MagicNumber

Simple integer number that defines EA orders.

Using this number EA can distinguish its deals from the others.

Each start of the EA trader should set this parameter to different value.

ProfitCoef

It is dynamic coefficient. It should be chosen individually for each currency.

for EURUSD profit size = 15 pips when ProfitCoef=2000, 30 pips when ProfitCoef=1000 etc.

LotDiv

Lot divider: 1 – for 1lot, 10 for 0.1lot and 100 for 0,01lot.

If LotDiv = 0 – EA uses minimal lot size.

FixedMaxLot

Maximal lot size for a deal, 0 – not limited.

Experts

Number of active experts.

Reserved for batch and hedge trading.

MODES

HalfMode

EA use 1/2 of profit size (which is set by ProfitCoef), in this state EA makes more deals.

ForceMode

true – EA uses ticks in trading, false – uses bars.

SwapMode

EA opens deals only with positive swap.

SWITCHES

CloseNow

EA closes all deals.

LockNow

EA creates “lock” (locks current profit).

Reserved for an advanced trading.

OnlyClose

EA won't open new trades any more – just close the remaining.

TradeByZero

EA will continue trading (and open new deals) until all open deals are closed.

MM (money management)

Next parameters are used to stop opening new deals.

BalancePercentMax

(in percent), Percent from the balance that EA use for trading.

FlEquityPercentMin

(in percent), EA stops opening new trades if current equity (floating) lower than this value.

FreeMarginLevelMin

(in currency), EA continue working while FreeMarginLevel is higher than this value.

TotalLotLimit

(in lots), Total amount of lots available for EA's trading.

DealsLimit

(number), Max number of open deals.

On returning EA to acceptable condition it is continue trading.

Next parameters are used to close (lock) existing deals and finish EA work when ...

BalancePercentUpTo*

(in percent), ... when the percent of balance growth achieves this value.

initial balance: \$10 000, we want to get \$15 000 (profit: \$5 000 (50%)) and leave a market, we set "BalancePercentUpTo"=50

EquityPipsUpTo*

(in pips), ... when growth of the equity achieves this value.

initial balance: \$10 000, we want to get 2 000 pips and leave a market, we set "EquityPipsUpTo"=2000

FIEquityPercentDrawdown*

(in percent), ... when floating drawdown of equity achieves this value.

Initial balance: \$10 000, current profit is \$5 000 (50%), equity without opened deals is \$15 000 (150%), we don't want decreasing equity more then \$3 000 (-20%), we set "FIEquityPercentDrawdown"=-20

RiskPercentUpTo*

(in percent), ... when Risk achieves this value.

$$Risk = \frac{FloatingLoss}{InitialCapital} \cdot 100\%$$

Initial balance: \$10 000, we don't want decreasing balance more then \$3 000, Risk=30%, we set "RiskPercentUpTo"=30

TakeNetProfitPercentDrawdown*

(in percent), ... when profit draws down on this value.

We want protect our profit from drawdown. Example: starting from Net Profit 1000 pips we don't want have loss more than 50% (500 pips), we set "TakeNetProfitStartPip" = 1000, "TakeNetProfitPercentDrawdown" = 50.

If new Net Profit is 2000 pips, drawdown won't be more than 1000 pips (50%).

TakeNetProfitStartPip*

(in pips), after achievement this value - start monitoring profit drawdown.

rmStopLoss*

(in pips), stop loss value (using this parameter significantly reduces the ability of the algorithm making profit)

ShiftMedianOnStopLoss

(true/false) automatically changing "FlatMedianPrice" after deal is closed by stop-loss.

TakeProfitOnLimit*

(in pips) EA uses this profit size to close any profitable deal when EA can't open new deals by limitation (see parameters list which are used to stop opening new deals).

CloseAndExitByLock

(true/false), true - Lock and Exit, false - Close All and Exit um number of deals available for EA. (see parameters list which are used to close (lock) existing deals and finish EA work).

"" means when a value of the parameter set to 0 (zero) – this parameter is using by EA (disabled).*

StartProtection

*(true/false), true – EA will start only when current price is close to **FlatMedianPrice** (protects from accidental launch). false – EA will start as is.*

VIEW

ShowInfo

EA displays all needed information.

```
EURUSD,M15 1.50075 1.50075 1.50075 1.50075 Current Equity +215.49 (2.15%) Risk: 0.0047%
Balance: 10215.49
Lots: Buy 0.00 Sell 0.00 Available 1.00
Margin: Used 0.00 (0.00%) Free 10215.49 (100.00%)
Trades: Open 0(0 pips) Closed 90(18311 pips)
ProfitSize:149 pips.
```

Sound

EA plays sound each time it opens or closes deals.

Labels

general information color

Information

information messages color

Warnings

waring messages color

Recommendations

Do not trade on trend.

We recommend starting trading only when current price is close to **FlatMedianPrice**.

Set target profit value (in percent or in pips). (BalancePercentUpTo, EquityPipsUpTo)

Set acceptable risk level (in percent). (RiskPercentUpTo)

Set acceptable drawdown level. (FIEquityPercentDrawdown, TakeNetProfitPercentDrawdown)

Use our program (MedianLineAnalyser) to estimate middle price position to analyze trading range. If price crosses blue median line (**FlatMedianPrice**) less than 3 times between vertical lines – it is possible that it is a trend. Select and move Vertical lines to change time period for analyzing.

Risk Management

$$Risk = \frac{FloatingLoss}{Capital} \cdot 100\%$$

A few examples about importance of risk management.

When trader lost 50% of his deposit, he has to get profits in amount of 100% of his new deposit size. When trader lost 33% of his deposit, he has to get profits in amount of 49% of his new deposit size.

For example: trader have profits in amount of 20% of his deposit 3 month in a row and if on 4th month he got 45% loss he lose more than all his former profits (60% for 3 month), because he lost 45% of his new deposit size.

It is important to calculate risks.

If Trader set risk for all trades to 10% of deposit then to decrease his deposit to 50% he should take 34 loss trades in a row, to decrease his deposit to 95% he should take 148 loss trades in a row (in additional to previous 34). Probability of this is 0.0003%.