

CUSTOM INDICATOR

LEARN TO WRITE YOUR OWN CUSTOM INDICATORS ON MINICHART WEB

HOW TO ADD INDICATORS

STEP 1: CLICK ON INDICATORS BUTTON

STEP 2: CLICK ON to add Indicator

Indicators

Search Help

Edit Indicator

Custom Script
Custom Script

Admin Indicators

Breakout	High/Low 5	Predictive MACD
High/Low 100	High/Low 50	ST MMA
High/Low 20	LT MMA	

Bands

Bollinger Bands	High Low Bands	Moving Average Envelope
Darvas Box	Ichimoku Cloud	Prime Number Bands
Fractal Chaos Bands	Keltner Channel	Stoller Average Range Channel

General

Colored Volume	Pivot Points	Volume Rate of Change
High Minus Low	Price Rate of Change	Volume Weighted Average Price
Highest High Value	Standard Deviation	Weighted Close
Lowest Low Value	Typical Price	
Median Price	Volume	

Index

Accumulative Swing Index	Market Facilitation Index	RAVI
Chaikin Money Flow	Mass Index	Random Walk Index
Commodity Channel Index	Money Flow Index	Relative Strength Index
Comparative Relative Strength	Negative Volume Index	Stochastic Momentum Index
Elder Force Index	On Balance Volume	Swing Index

HOW TO ADD INDICATORS

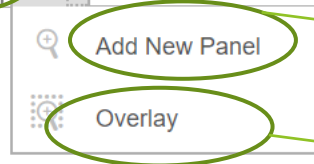


Editor

Write your script here



Click to save indicator



Indicator will appear as separate panel
e.g. RSI, Stochastic, MACD

Indicator will overlay on chart like
e.g. SMA,EMA, Bollinger band

ADD INDICATORS Formula

write formula directly. Example 1:

```
SMA(close,10)
```

```
PLOT(SMA10,RED)
```

The above formula plot one line (10 day simple moving average) and format of plotting is as below. If there are more than 1 line, **do not name the lines the same name**, otherwise, it will not show all lines.

```
PLOT(name of line, colour of line)
```

To write more than 1 line on the chart, you can do the below. For example multi-moving averages:

```
SMA(close,10)
```

```
PLOT(SMA10,RED)
```

```
SMA(close,20)
```

```
PLOT(SMA20,BLUE)
```

```
SMA(close,30)
```

```
PLOT(SMA30,BLACK)
```

Customized Indicator Formula

Primitive: + , - , / , * , > , < , =, if, MAX, MAXOF, MIN, MINOF

Some basic indicators

Formula	Formula type
EMA(Close,14)	- exponential moving average
SMA(CLOSE,14)	- simple moving average
WMA(CLOSE,14)	- weighted moving average
AVG(Volume,20)	- 20 days average volume

Customized Indicator Formula

Some basic indicators

Formula	Formula type
WPR(14)	- Williams%R
CCI(20, SIMPLE)	- commodity Channel Index
PROC(Close, 10)	- price rate of change
RSI(CLOSE, 14)	- RSI
SMA(RSI(CLOSE, 14), 20)	- SMA of RSI

Customized Indicator Formula

Some basic indicators

Formula	Formula type
BBT(CLOSE, 14, 1, SIMPLE) BBM(CLOSE, 14, 1, SIMPLE) BBB(CLOSE, 14, 1, SIMPLE)	- Bollinger Band Top band - Bollinger Band Middle band - Bollinger Band Bottom band
SOPK(14,3,3,Simple) SOPD(14,3,3,simple)	- Stochastic %K - Stochastic %D
macd(13,26,9,simple) macdsignal(13,26,9,simple)	- macd - Macd signal

Customized indicator formula

Some basic indicators

Formula	Formula type
ADX(14) DIP(14) DIN(14)	-ADX
ADXR(14)	- ADXR
EMA(TR(), 27)	- ATR 14
SDV(CLOSE,14, 2, SIMPLE)	- standard deviation



REMEMBER TO ADD

PLOT(LINE NAME,COLOR)

Behind every line

Example:

```
SOPK(14,3,3,Simple  
PLOT(K,RED)  
SOPD(14,3,3,simple)  
PLOT(D,BLUE)  
SET A = 80  
PLOT(80,BLACK)  
SET A = 50  
PLOT(50,BLACK)  
SET A = 20  
PLOT(20,BLACK)
```

CUSTOM SCANNER SCRIPT

LEARN TO WRITE YOUR OWN CUSTOM SCANNER SCRIPT ON MINICHART WEB

How to create custom scanner formula



**STEP 2: CLICK ON
CREATE BUTTON**

**STEP 1: CLICK ON
SCANNER BUTTON**

Scan Market Day
Candlest...
Create Edit Delete

The image shows a software interface for creating a scanner formula. It features a 'Scan' button, a 'Market' dropdown menu, and a 'Day' dropdown menu. Below these are three buttons: 'Create', 'Edit', and 'Delete'. A lightbulb icon is also visible. Red annotations with arrows point to the 'Scan' button (labeled 'STEP 1: CLICK ON SCANNER BUTTON') and the 'Create' button (labeled 'STEP 2: CLICK ON CREATE BUTTON').

How to create custom scanner formula



The screenshot shows a control panel on the right side of the trading software. It features a 'Scan' button in green, followed by 'Market' and 'Day' dropdown menus. Below these is a 'Candlest...' dropdown menu. At the bottom of this panel are three buttons: 'Create', 'Edit', and 'Delete'. To the right of these buttons is a vertical sidebar with a menu icon, a square icon, and a lightbulb icon.

SCANNER FORMULA FORMAT

▶ <Add Column>{ **COLUMN NAME, FORMULA** } <add column>;

▶ EXAMPLE:

```
<Add Column>{price crossover sma100,SET A = crossover(close, SMA(close,100))  
SET B = IF(A=TRUE,1,0)}<Add Column>;
```

The above will scan for stocks with prices closing above the 100 day Simple Moving Average line

SCANNER FORMULA FORMAT

► EXAMPLE 2: MACD cross up its signal line

<Add Column>{MACD Crossover,

SET A= macd(13,26,9,simple)

SET B = macdsignal(13,26,9,simple)

SET C = CROSSOVER(A,B)

SET RESULT = IF(C=TRUE,1,0)}<Add Column>;

COMMON SYNTAX FOR SCANNER FORMULA

Primitive: + , - , / , * , > , < , =, if, MAX, MAXOF, MIN, MINOF, AVG

<Add Column>{**VOLUME >200000**, SET A = VOLUME > 200000
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Price break 5 days high,  
SET A = CLOSE > REF(HHV(5),-1)  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```

```
<Add Column>{price break 5 days low, SET A = CLOSE < REF(LLV(5),-1)  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```


COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{RSI value, SET RESULT = rsi(close,14)}<Add Column>;
```

```
<Add Column>{Value of SMA of CCI, SET RESULT =  
SMA(CCI(20,simple),20)}<Add Column>;
```

```
<Add Column>{rsi > 70, SET A = rsi(close,14) > 70  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Williams %R < 80, SET A = WPR(14) < 80  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```

```
<Add Column>{CCI > 20, SET RESULT = CCI(20,SIMPLE) > 20  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```

```
<Add Column>{Volume > 20 DAYS AVG VOL,  
SET A = VOLUME > AVG(VOLUME,20)  
SET RESULT = IF(A=TRUE,1,0)}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{RSI Cross Down 50 , SET A = Crossover(50,rsi(close,14))  
SET RESULT = IF(A=TRUE,1,0)  
}<Add Column>;
```

```
<Add Column>{CCI Cross Up 50 ,  
SET A = CCI(20, SIMPLE)  
SET B = CROSSOVER(A,50)  
SET RESULT = IF(B=TRUE,1,0)  
}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Stochastic Crossover signal line,  
SET A = CROSSOVER(SOPK(14,3,3,Simple),SOPD(14,3,3,Simple))  
SET RESULT = IF(A=TRUE,1,0)  
}<Add Column>;
```

```
<Add Column>{MACD Crossover signal line,  
SET A= macd(13,26,9,simple)  
SET B = macdsignal(13,26,9,simple)  
SET C = CROSSOVER(A,B)  
SET RESULT = IF(C=TRUE,1,0)  
}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Price breakout with high volume,  
SET A = AVG(Volume,100)  
SET B = Volume > (A*2)  
SET E = CLOSE > REF(HHV(5),-1)  
SET RESULT = MinOF(B,E)}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Price Cross Down Bollinger Top Band,  
SET A = BBT(CLOSE, 14, 1, SIMPLE)  
SET B = CROSSOVER(A,CLOSE)  
SET C = IF(B=TRUE,1,0)  
}<Add Column>;
```

```
<Add Column>{minof,  
SET A= RSI(close,14)>50  
SET E = CLOSE > 0.5  
SET RESULT = MINOF(A,E)  
}<Add Column>;  
Must satisfy all conditions-Combine condition to scan
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{maxof,  
SET A = CROSSOVER(SOPK(14,3,3,Simple), 50)  
SET B = CROSSOVER(RSI(close,14),50)  
SET RESULT = MaxOF(A,B)  
}<Add Column>;
```

Must satisfy either one of the condition

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{maxof minof,  
SET A = CROSSOVER(SOPK(14,3,3,Simple),50)  
SET B = CROSSOVER(SOPK(14,3,3,Simple),SOPD(14,3,3,Simple))  
SET G = SOPK(14,3,3,Simple) <= 80  
SET E = MaxOF(A,B)  
SET RESULT = MinOF(E,G)  
}<Add Column>;
```

Combination of various conditions

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{3 blackbar,  
SET A = ref(open,-1) > ref(close,-1)  
SET B = ref(open,-2) > ref(close,-2)  
SET C = ref(open,-3) > ref(close,-3)  
Set H= minof(A,B,C)  
SET D = open > close  
SET RESULT = MINOF(H,D)  
}<Add Column>;
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{Price cross up MMA,  
SET MA1 = SMA(CLOSE,30)  
SET MA2 = SMA(CLOSE,10)  
SET MA3 = SMA(CLOSE,11)  
SET MA4 = SMA(CLOSE,12)  
SET MA5 = SMA(CLOSE,13)  
SET MA6 = SMA(CLOSE,14)  
SET R1 = CROSSOVER(CLOSE,MAXOF(MA1,MA2,MA3,MA4,MA5,MA6))  
SET RESULT = IF(R1=TRUE,1,0)  
}<Add Column>;  
Price crossover mma
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{3 SMA crossover,  
SET A = (CROSSOVER(SMA(CLOSE,5),SMA(CLOSE,10)))  
SET B = (CROSSOVER(SMA(CLOSE,5) ,SMA(CLOSE,15)))  
SET C = (CROSSOVER(SMA(CLOSE,10) ,SMA(CLOSE,15)))  
SET D = (CROSSOVER(CLOSE>SMA(CLOSE,5)))  
SET RESULT = MINOF(D,MAXOF(A,B,C))  
}<Add Column>;  
Moving average crossover each other
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{IF,  
SET A = RSI(close,14) > 20  
SET RESULT = IF(A,CLOSE,0)  
}<Add Column>;  
Return result only if certain condition takes place
```

```
<Add Column>{MAX,  
SET RESULT = MAX(CLOSE,5)  
}<Add Column>;  
Highest price for the past 5 days
```

COMMON SYNTAX FOR SCANNER FORMULA

```
<Add Column>{MIN,  
SET RESULT = MIN(CLOSE,5)  
}<Add Column>;  
lowest price for the past 5 days
```

```
<Add Column>{True range, SET A =TR() > 20  
SET RESULT = IF(A=TRUE,1,0)  
}<Add Column>;
```

Thank you.

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, creating a modern, layered effect against the white background.