SIT-EMA 20 Cross Indicator R2: Settings Guide

For informational purposes only. Not trading advice. Always test settings in simulation first. See the full disclaimer at the end.

How to use this guide

This guide explains what each setting in the SIT-EMA 20 Cross Indicator R2 does, in plain language. The indicator only draws BUY and SELL markers and two moving average lines on your chart. **It does not place trades.** It does not tell you what to set or when to trade; those decisions are yours.

- **Where to find the settings:** in NinjaTrader, right-click your chart, choose **Indicators**, select the SIT-EMA 20 Cross Indicator R2, and look at the settings list on the right.
- **Sections:** EMA Settings, Slope Filter and Chart Markers.
- **Default** means the value the indicator comes with. A default is only a starting point, not a recommendation.
- **Change one setting at a time,** then test it in simulation, so you can see what that one change does.

Note on NinjaTrader's own settings: NinjaTrader also shows its own standard settings for every indicator (such as Calculate, Input series, Visual and Plots). These belong to NinjaTrader. Two worth knowing:

- **Calculate:** this indicator is made to run on **On price change**, so it can show a signal during a candle when Confirmation Candles is set to 0.
- **Plots:** the 20 EMA line (gray) and 50 EMA line (gold) are always drawn. Change their colors and thickness in NinjaTrader's Plots section.

EMA Settings

These are the indicator's own signal settings. A signal shows when price crosses the Entry EMA.

Setting	Default	What it does
Entry EMA Period	20	The number of candles in the moving average that gives the signals. A lower number reacts faster but gives more signals, including more false ones. A higher number gives fewer, slower signals.
Confirmation Candles (0-3)	1	How many candles must close on the new side before a signal shows. 0 = show as soon as price crosses. A higher number waits longer: fewer false signals may get through, but signals come later.

Note on Confirmation Candles: The signal must still be valid after the confirmation candles close. If price moves back first, no signal shows.

- If you also run the SIT-EMA 20 Cross Trading Bot on the same chart, use the same settings on both so the markers line up.

Slope Filter

Checks how steeply a moving average is rising or falling before showing a signal. BUY signals need an upward slope; SELL signals need a downward slope.

Setting	Default	What it does
Enable Slope Filter	Off	Turns the filter on or off.
Buy Minimum Slope (degrees)	10°	How steep the upward slope must be for a BUY.
Sell Minimum Slope (degrees)	10°	How steep the downward slope must be for a SELL.
Slope Lookback Bars	3	How many candles back the slope is measured over.
Slope Source	EntryEMA	Which line is measured: the Entry EMA (EntryEMA) or the 50 EMA (EMA50).

- **Higher degrees:** requires a steeper trend, so you'll usually see fewer signals and skip more flat, sideways markets.

- **Lower degrees:** allows flatter moves, so you'll usually see more signals.
- The degree number depends on the instrument and chart timeframe, so the same setting can act differently on different charts.

Chart Markers

These settings control how the BUY and SELL markers look. They are display only and do not change when a signal happens.

Setting	Default	What it does
Show Text	On	Shows the word BUY or SELL at each signal.
Show Arrows	On	Shows an arrow at each signal.
Auto Spacing	Off	On = the distance from the candle adjusts to how much price is moving. Off = uses the fixed offsets below.
Arrow Offset (Ticks)	2	How far above or below the candle the arrow sits, when Auto Spacing is off.
Text Offset (Ticks)	7	How far above or below the candle the word sits, when Auto Spacing is off.

- BUY markers are green and SELL markers are red.

Important reminders

- **Signals are information, not instructions.** A BUY or SELL marker shows that the indicator's conditions were met. It is not a recommendation to trade.
- **You make every trading decision.** The indicator places no orders and does not manage any trade.
- **Test every change in simulation first.** Market conditions change, so settings that work well in one period may not work as well in another.
- **Markers on past candles** show where conditions were met after those candles closed. Live signals can form during a candle when Confirmation Candles is 0.

Disclaimer

This guide is for informational and educational purposes only. It explains what each setting does. It is not trading, investment or financial advice, and it does not recommend any setting, market or strategy. Default settings are starting points only, not recommendations.

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