

SUPER INDICATOR - VISUAL TRADE VERIFICATION TOOL

Purpose: Visual debugging and verification that strategy executes trades correctly according to specification.

Features:

- Display only filtered trades that strategy actually executed (not raw signals)
- Plot filtered signals on chart:
 - Category M signals: Aqua/Blue colored squares
 - Category R signals: Red/Green vertical lines
 - If both M and R fire simultaneously, display BOTH signals at same location
- Sequential trade numbering (separate for each category):
 - Momentum trades: Entry M1, M2, M3... Exit M1, M2, M3...
 - Reversal trades: Entry R1, R2, R3... Exit R1, R2, R3...
- Dotted lines connecting entries to exits (MT4/MT5 style):
 - Green dotted lines for BUY trades (Entry M1 → Exit M1, Entry R1 → Exit R1)
 - Red dotted lines for SELL trades
 - Each trade gets its own separate dotted line
- Exit labels showing reason AND profit/loss:
 - “Exit M1 - Stop Loss - Loss: -\$25.50”
 - “Exit M2 - Momentum Signal - Profit: +\$47.20”
 - “Exit R1 - Reversal Signal - Profit: +\$103.00”
 - “Exit R2 - Breakeven Stop - Profit: +\$5.00”
- On-chart analytics overlay:
 - Total trades taken (by category and total)
 - Win rate percentage
 - Current profit/loss
 - Max drawdown
- Display all 3 indicators with exact strategy settings:
 - Super Bands: Shows captured historical values at each bar close (fixed dots, similar to PRC indicator)
 - AIQ_1: Non-repainting, shows as-is
 - AIQ Bands: Non-repainting, shows as-is

- Toggle on/off display of each indicator
- Color-coded trend direction on Super Bands midline (green = uptrend, red = downtrend)

Visual Customization Settings: All visual elements fully configurable for professional grade customization:

- Signal Markers:
 - Aqua/Blue squares (M signals): Color, size
 - Red/Green vertical lines (R signals): Color, thickness
- Dotted Lines (Entry → Exit Connectors):
 - Green lines (BUY trades): Color, thickness, line style (solid/dashed/dotted)
 - Red lines (SELL trades): Color, thickness, line style
- Labels (Entry/Exit with P&L):
 - Font type/family
 - Font size
 - Font color
 - Background color
 - Text opacity/transparency
- Super Bands Historical Plots (Fixed Dots):
 - Upper band dots: Color, size
 - Lower band dots: Color, size
 - Midline dots: Color, size
- Analytics Overlay (Win rate, P&L, etc.):
 - Font type, size, color
 - Position on chart (top-left, top-right, bottom-left, bottom-right)
 - Background panel color and opacity

Technical Implementation:

- Main strategy captures and logs Super Band values (upper, lower, midline) at each bar close
- These logged values are plotted as fixed historical points by Super Indicator
- Historical plots remain stable bar-to-bar (don't change as new bars form)
- Recalculation trigger: When indicator settings change (period, deviation) OR chart changes (timeframe, brick size), ALL historical plots recalculate using new settings
- This ensures Super Indicator always shows “what Super Bands would've looked like historically

with CURRENT settings”

- Reads from strategy’s trade history log for entry/exit plotting
- Separate indicator file (not used for trading, only analysis)
- Uses exact same indicator settings as main strategy (read-only)
- Settings can ONLY be changed in main strategy or individual indicators (NOT in Super Indicator to prevent sync issues).