

PRODUCT TECHNICAL SHEET

Expert Advisor: Gold_Scalping_HA_v10.30

Trend Following Algorithmic Strategy on XAUUSD (H4) | Version 10.30

1. Market Logic & Operation

The **Gold_Scalping_HA_v10.30** Expert Advisor is a directional tool engineered to operate on high-volatility assets such as Gold (XAUUSD) on the H4 timeframe. It leverages the combined action of multi-timeframe Heikin Ashi candles and a moving average crossover to follow the primary market momentum.

- **MTF Heikin Ashi Filter:** Higher timeframe trend direction reading algorithm to prevent counter-trend entries during extended market cycles.
- **Triple Moving Average Crossover:** Entry signal generation based on the intersection of Moving Averages (Fast 10, Medium 20, Slow 30 using Smoothed/LWMA method).
- **Asymmetrical Risk/Reward Ratio:** High payoff strategy with an average win (\$11.40) significantly higher than the average loss (-\$4.54) on a \$100 cent account scale, ensuring maximum long-term profitability.

2. Parameter Profile & Backtest Results (USD Cent Account)

Parameter / Metric	Cent Report Value	Real Value (\$ USD)
Asset & Operating Timeframe	XAUUSD / H4	XAUUSD / H4
Reference Initial Deposit	10,000.00 cent	\$100.00
Fixed Operating Lot Size	0.10 Cent Lots	0.001 Std Lots (0.1 Micro)
Profit Factor	1.65	1.65
Win Rate	39.58% (19 out of 48)	39.58%
Max Equity Drawdown	32.49% (7,361.50 cent)	32.49% (\$73.61)
Total Net Profit (7 Months)	+8,504.60 cent	+\$85.05 (+85.05%)

3. Technical Architecture & Integrated Modules

- **HA TrendTimeframe Module:** Analysis of Heikin Ashi candles calculated with constant TrendTimeframe = 16396.
- **Position Reversal Management:** Maintains a single active market position with automatic closure/reversal upon changes in MTF parameters.
- **Capital Pips Protection:** Loss mitigation module with protection set at ProtezionePips = 20.
- **Micro-Capital Scalability (Cent Account):** Specifically designed to allow Gold trading with minimal deposits starting from \$100 real capital without margin stress.