IBANK Coin Specs Info

Core Specification
Consensus Algorithm: PoS + zPoS Hybrid
Block size: 2 MB
Block Time: 60 Seconds (Re-targeting every block)
Transactions per second: 173 TPS (current theoretical maximum)
Mine-able: No
Stake-able: Yes (Earn block reward from coin ownership)
Masternode Support: Yes, 1000 IBANK per masternode

Default Wallet Ports
mainnet: 20201
testnet: 20202
rpcmain: 20203
rpctest: 20204
regTest: 51476

Coin Emission Rate
Block reward: Max. 0.10 IBANK per block (split dynamically between staker & masternode)
Budget reward: Max. 1 IBANK per block (paid out monthly)
Coin Supply Control
Dynamic Coin Supply: ALL transaction fees are burnt from coin supply to offset emission rate.

Maximum Coin Supply
By Feb 2120: 100.000.000 IBANK
(Theoretical maximum. Actual coin supply is guaranteed to be lower due to fee burn & partial budget generation.)

PoS Stake Eligibility (IBANK)
UTXO Stake Eligibility: 600 confirmations (approx. 10 hours)
Post-Stake Stake Eligibility: 600 confirmations (approx. 10 hours)
Post-Stake Spend Eligibility: 100 confirmations (approx. 1.66 hours)
Wallet Status: Requires core wallet to remain online and unlocked for staking.

zPoS Stake Eligibility (zIBANK)
Maturity Confirms: 200 confirms
Wallet Status: Requires core wallet to remain online and unlocked for staking.

Transaction Send Eligibility
Minimum Confirm (IBANK) : 6 confirms
Minimum Confirm (zIBANK): 20 confirms + 1 new mint of the same denomination in the network

SwiftX Eligibility

Confirmations: 1 for locking and 6 to spend.
Collateral held time: 15 minutes.

Masternode Network Expiry

Node expiration: 120 minutes
Node removal: 130 minutes
Privacy Feature – (2020 Feb Update: New protocol integration TBA)
Previous Privacy Technology: Custom Zerocoin Protocol based on libzerocoin (zIBANK)
Upcoming Privacy Technology: TBA Q1 2020 – Use of Zero Knowledge Proof
Key Features: Custom accumulator check-pointing system
Accumulator Modulus: RSA-2048
zIBANK Denominators: 1, 5, 10, 50, 100, 500, 1000, 5000
Mint time: >= 0.5 seconds
Spend time: >= 2.5 seconds
Maximum single Spend limit: 35.000 IBANK
Maximum single Spend denomination count limit: 7
Fees (mint): 0.01 IBANK per minted zIBANK denomination.
Fees (spend): No fee
Minimum IBANK confirmation count required to mint zIBANK: 6 confirmations
Minimum zIBANK confirmation count required before spend: 20 confirmations
Maturity requirement before zIBANK can be spent: 1 new identical denomination mint added to accumulator