ZKX HELIX™ 1.0
TECHNICAL DATASHEET

SECURITY METRICS

Suspicious activity monitoring	Real-time output of activity logs for supporting threat-detection solutions
Multi-layer authentication support	Multi-factor authentication, user authentication, device authentication, credential verification, passwordless authentication, knowledge-based verification, session attestation
Encryption support	TLS v1.2 and 1.3 OpenSSL 3.0.2 Custom encryption support available
Device tethering	Yes
Passwordless support	Yes
Passwordless enhancement	Cryptographic fortification for user-supplied strings such as passwords
Authentication Sessions	Continual authentication transparent to the user

PERFORMANCE METRICS

System Recommendations	4 cores, 4GB RAM, 60GB HD. All performance measures scale with available resources
Deployment options	Container, VM, bare metal
Number of Allowed Credentials per License	No Limit
Supported Credentials	Passwords, PINs, Security Questions, RFID, NFC, Fingerprint, Barcodes, Custom Strings. Additional credential support is available.
Number of Allowed Custom Policies per License	No Limit

USABILITY METRICS

Deployment (Helix Server)	Get Helix integrated in under 2 hours. Optional: Synchronize Helix Server with Active Directory
Deployment (Helix Authenticator)	Less than an hour
End-User Training	None required.
Onboarding time	Five-minute enrollment process for new Helix users.
Support	24/7 U.S.-based customer support

COMPATIBILITY & CUSTOMIZATION

Supported Platforms (Server)	Ubuntu
Supported Platforms (Authenticator)	Android Versions: 13, 14
Customization	Unlimited customization of Helix features per license. Optional customization options available.