



ST6ex Smart Handheld

Designed for high mobility, ST6ex is a truly versatile and rugged handheld that offers a multitude of identity and document verification features in a single device. It features Biometric Fingerprint Scanner and both Contact and Contactless/NFC Readers to facilitate biometric identity verification of an ID or ePassport Cardholder instantly and reliably.

The diversified functions of ST6ex along with its easy to use software tools and high-sensitivity touch screen helps to increase identity verification efficiency in industries such as banking, insurance, healthcare, telecommunications, logistics, public law enforcement, etc.



Instant
MyKad Reading



Easy to
Carry Around



Accurate Biometric
Verification



ePassport
Reading

SPECIFICATION

Standard Features

| | |
|------------------------|--|
| Dimensions (L x W x H) | 203mm x 80mm x 21mm |
| Processor | Quad-Core ARM Cortex A53 |
| Operating System | Android 11 (GSM Available) |
| Display | LCM 5 inch, 1280×720, IPS, Multi-Touch Panel |
| Internal Memory | 3GB RAM, 32GB ROM |
| Memory Expansion | Support up to 128GB TF Card |
| Battery | 5,000mAh Support PD Charging |
| Camera | Rear 13MP Autofocus with Flash, Front 5MP FF |
| Certification | 38.3 report, CB, CE, FCC |
| Host Interface | USB Type-C |
| Physical Buttons | Power Button, Function, Volume Up & Down Buttons |
| UHF Module | Optional |
| Pogo PIN | Support |
| Earphone | 3.5mm Earphone Jack |
| Speaker | 1x Speaker 1.5W |
| Material | Rugged and ABS+PC |

Security Features

| | |
|--------------------|------------------|
| PSAM | 1× (optional 2×) |
| Fingerprint Module | Morpho CBM-V3 |

Wireless Communications

| | |
|-----------|--|
| 4G | FDD-LTE B1/B2/B3/B4/B5/B7/B8/B20/B28, TDD-LTE B38/B39/B40/B41 |
| 3G | WCDMA HSPA UMTS, 850 / 900 / 1700 / 1900 / 2100Mhz |
| 2G | GSM / GPRS / EDGE |
| Wi-Fi | 802.11ac, 802.11a/b/g/n |
| Bluetooth | Bluetooth 4.2+ |
| GNSS | GPS/AGPS, GLONASS, Beidou, Internal Antenna |

Contact Card Reader

| | |
|---------------------|--|
| Clock Frequency | 4M ~ 12M |
| Card Slot | 1x ISO 7816-3 ID-1 (Full-size) |
| Protocols Supported | ISO / IEC 7816, T=0 and T=1 Protocol, Class A, B and C cards |
| Reading Speed | 10753 ~ 625kbps (when supported by card) |

Contactless Card/NFC Reader

| | |
|---------------------|---|
| Clock Frequency | 13.56Mhz |
| Reading Speed | 106~848kbps |
| Protocols Supported | ISO/IEC 14443 A/B ISO 15693, Mifare, FeliCa |
| NFC SDK | Original NFC SDK by Android System |



Transportation



Access Control



Telco



Government Agencies



Enrolment



Healthcare & Insurance



Loyalty & Membership

Important Note: The information contained in this brochure is current at time of printing. IRIS Corporation Berhad reserves the right to change the information contained in this brochure without prior notice. IRIS Corporation Berhad has used its reasonable endeavors to assure the accuracy and reliability of the information contained in this brochure and to the extent permitted by the laws of Malaysia, therefore will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.



IRIS CORPORATION BERHAD 199401016552 (302232-X)
Email: marketing@iris.com.my
www.iris.com.my

Copyright © 2023 IRIS CORPORATION BERHAD. All rights reserved.

