**ZKTeco**

# Horus

## WirelessFacialRecognition Time Attendance Terminal

The trend of Visible Light Facial Recognition technology have brought user experience of biometric technology to a new height. As one of the biometric industry leaders, ZKTeco launched the second-generation facial recognition terminal–Horus series, named after an Egyptian god, who has the legendary "all-seeing eye" that can clearly observe everything. Horus is one of the most advanced Access Control & time and attendance terminal existing in the market, with incredibly compact size (almost the same size as iPhone XS max) and powerful facial recognition technology o ering up to 3 meters recognition distance, ±30 degree pose angle tolerance, high anti-spoof ability, support on plentiful communication protocols (Wi-Fi, 3G, 4G, Bluetooth) and worldwide network setting, optional  ngerprint and RFID card modules, up to 10,000 facial templates capacity, and is compatible with the all-in-one security & time attendance platform ZKBioSecurity and ZKBio Time.
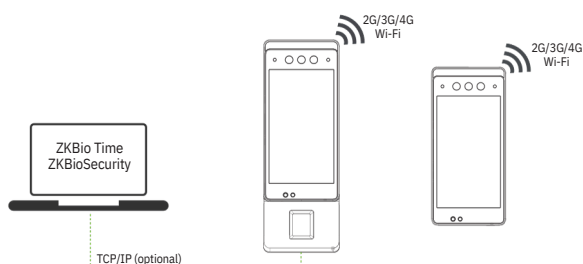
## Features

- Newheight of facial recognition template capacity up to 1: N-10,000 facial templates.
- Anti-spoo ng algorithm against print attack (laser, color and B / W photos), videos attack, and 3D mask attack.
- Supports multiple communication protocols: 4G, Wi-Fi, Bluetooth.

- 5-inch smartphone grade IPS touch LCD monitor.
- Extensive Fingerprint, RFID, TCP / IP, modules available.
- Extra-large 2MP CMOS with WDR function.
- Various further development options:microphone and PIR sensor.

# Speci cations

| | Horus E1 | Horus E1-RFID | Horus E1-FP |
|---|---|---|---|
| Picture |  |  |  |
| CPU | Quad-core,        1.5GHz | | |
| Android Version | Android 8.1 RAM 2GB / | | |
| Memory | ROM  16GB  2MP  Dual | | |
| Camera | Camera 720*1280, IPS | | |
| LCD | touch LCD Face 6,000 / | | |
| Verification Mode | 10,000 (optional) N / A N | Face + RFID | Face + Fingerprint + RFID |
| Face Capacity | / A N / A N / A | | |
| Fingerprint Capacity | | N / A | 6,000 / 10,000 (optional) |
| ID Card / MF Card | | 10,000 | |
| Access Control (DM10 Module) | | optional | |
| TCP/IP | | 10 / 100 Mbps | |
| Wi-Fi | 2.4GHz, 5GHz, 802.11a / b / g / n 4.0 GSM: B2 / B3 / B5 / B8 | | |
| Bluetooth | WCDMA: B1 / B2 / B4 / B5 / B8 | | |
| 4G Wireless Broadband | TDD-LTE: B38 / B40 / B41M | | |
| | FDD-LTE: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B17 / B20 / B28A / B28B' | | |
| | 90DB (10cm distance) | | |
| | 1m clear voice pickup | | |
| Speaker | 158 * 74 * 15.6mm | | |
| M icrophone | 12V 2A | | |
| Dimensions | 0°C~50°C | 205.33 * 74 * 17.7 mm | |
| Power | 20% — 80%RH | | |
| Operating Temperature | CE, FCC, RoHS | | |
| Operating Humidity | | | |
| Certifications | | | |

# Con guration



# Dimensions (mm)



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