

SIGMA LITE SERIES

SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS

S L I M
S T R O N G
S M A R T
S A F E = THE RIGHT COMBINATION

The SIGMA family welcomes new members!

Engineered with the same attention to detail and performance as their predecessor, the SIGMA Lite terminals are specifically designed to equip narrow mounting surfaces, such as glass/aluminum door mullions, turnstiles, or server rack doors. With two designs and multiple card reader options, there are a variety of models to address the widest range of deployment scenarios, both indoors and outdoors.

World's #1 fingerprint technology inside

- Latest generation embedded algorithms (MINEX and FIPS 201 approved)
- Up to 250,000 users in 1:1 verification mode
- Up to 10,000 users (30,000 templates) in 1:N identification mode
- 1:10,000 user matching in 1 second
- Accuracy maintained regardless of number of users in database
- FBI PIV IQS certified optical sensor

Full set of card reader options

- Prox[®]
- iClass[®]
- MIFARE[®]/MIFARE[®] Plus/DESFire[®]/NFC



SIGMA Lite

With blue/green/red LED indicator and buzzer



148 mm (5.83")

60 mm width (2.36")



Adjustable attachment to axis or to either side of axis



SIGMA Lite+

With 2.8" QVGA color touchscreen and buzzer



EMBEDDED WEB SERVER

- Enables on-device enrollment, terminal configuration and transaction log retrieval
- Use with any device (PC, laptop, tablet, smartphone)
- Use with any OS (Windows, Android, Apple iOS)
- Use with any web browser (Google Chrome, Mozilla Firefox, Safari, Internet Explorer)



Enhanced interactivity on SIGMA Lite+ touchscreen

- Time & Attendance In & Out function keys
- User ID, PIN and BioPIN⁽²⁾ management
- Intuitive icons and live messages

Anti-fraud features

- Fake finger detection
- Duress finger
- Timed anti-pass back function⁽³⁾
- Banned/authorized user lists

The SIGMA family



BUILT FOR THE REAL WORLD

WEATHER AND VANDAL⁽¹⁾ RESISTANT BY DESIGN



EASY INSTALLATION AND MAINTENANCE



TECHNICAL SPECIFICATIONS

- **CPU:** ARM[®] Cortex[™]-A9 core 1GHz
- **Linux Operating System**
- **FBI PIV IQS certified optical fingerprint sensor**
- **Contactless reader options:** Prox[®], iClass[®], MIFARE[®]/MIFARE[®] Plus/DESFire[®]/NFC
- **Network/Communication:**
 - Ethernet, RS485, USB
 - Wi-Fi option
- **Power supply:**
 - 12V-24V DC
 - Power over Ethernet (PoE)
- **Internal storage capacity:** 512MB Flash, 512MB RAM
 - 1:N mode: 3,000 user records, extendable to 10,000 with license (*3 templates each, including 1 duress)
 - 1:1 mode: 250,000 user IDs
 - 1 Million transaction logs
- **Inputs/outputs:** Wiegand In & Out (customizable up to 512 bits), Door Relay, 2 General Purpose Inputs (including Door monitoring), 2 General Purpose Outputs
- **Tamper switches**
- **Operating conditions:**
 - Temperature: -20°C to 55°C (-4°F to 131°F)
 - Humidity: 10% to 80% (non condensing)
- **Ingress protection:** IP65
- **Mechanical impact protection:** IK08⁽¹⁾
- **HxWxD** = 156*68*62 mm (6.14*2.68*2.44 inches)
- **Weight:** 280 grams
- **EMC/Safety standards:** CE, CB, FCC
- **RoHS, REACH and WEEE compliant**

⁽¹⁾ IK08 rating is not available for SIGMA Lite+ design

⁽²⁾ Alternate password solution instead of fingerprints

⁽³⁾ Prevents repeated authorizations by the same user, within a configurable time period

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SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS



KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

Embedded
WEB SERVER



- **World's #1 fingerprint technology inside**
1:10,000 user identification in 1 second
- **High capacity**
250,000 users (1:1), 10,000 users (1:N), 1 Million logs
- **Anti-fraud features**
Fake finger detection, duress finger, timed anti-pass back
- **Flexibility**
Prox®, iClass® or MIFARE®/DESFire®/NFC contactless card reader as an option
- **Tough design**
Weather (IP65) and vandal (IK08) resistant



ELID SDN BHD

For more information: Check out the website at www.elid.com, or contact our dealers. ELID has a policy of continuous research and development, and reserves the right to change specifications without notice.

