



# OP400

Next-generation face reader for fast and simple Biometric Security Upgrades. Designed for Amag customers.

OP400 unique hardware integration with Symmetry completely eliminates the need for middleware when adding face readers to your network.

Numerous benefits derived from eliminating middleware include:

- Saves money. No licenses to purchase.
- Saves time. No software to install.
- Fast direct communication with Symmetry.
- Optimal uptime. Not dependent upon computer.
- Never the need for software upgrades.
- Never the need for software maintenance.

## OP400 features



### Symmetry Integration:

OP400 firmware communicates directly with Symmetry and automatically synchronizes needed customer user data. Eliminates need for middleware. Eliminates need to manually create users in the biometric readers.



### Biometric Performance:

Advanced face recognition technology delivers optimal accuracy and matching speed.



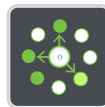
### Auto Data Synchronization:

Multiple OP400s automatically synchronize face templates. Eliminates need for middleware. Eliminates need to separately manage templates.



### Communication:

Wiegand-Out to Amag access control panel  
TCP/IP and RS485 data communication  
USB for offline data management



### Authentication Options:

(single or multi-factor)

- ✓ Face
- ✓ RFID (ZKAccess, HID, iClass, Mifare, Desfire & Legic)



### Capacity:

1,000 Face templates  
30,000 cards  
100,000 transactions

# Installation and Operation steps

## Installation Steps

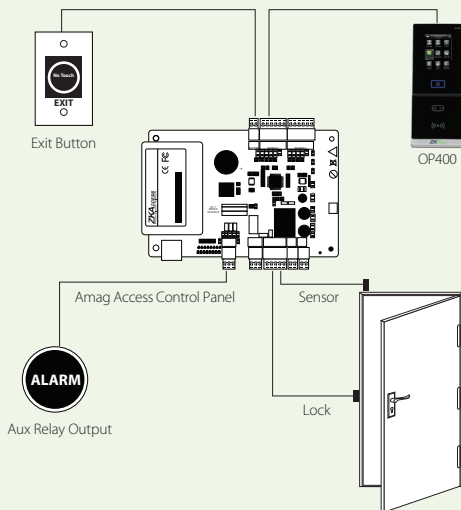
- Provide 12V power and network cables near OP400 Master and slave reader wall mounts.
- Connect power and network cable to OP400 Master reader and slave readers. Make note of OP400 Master reader's IP address. Configure slave readers with OP400 Master's IP address.
- Install OP400 driver (data conduit) on computer running Symmetry and enter IP address of OP400 Master reader.
- Symmetry user-data automatically synchronizes with OP400 Master. After synchronization, enroll face directly on OP400 Master reader.
- Installation is complete. OP400 Master reader will automatically synchronize user data and face templates amongst OP400 slave readers whenever changes occur.

## Operation

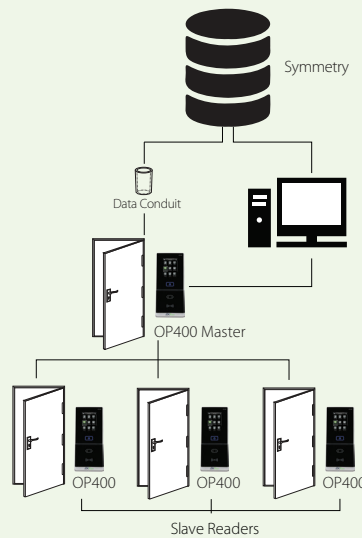
- Once user data and face templates are automatically synchronized between Symmetry and OP400 Master reader, OP400 slave face readers are now ready for operation.
- When users authenticate to an OP400 slave reader with their credential (i.e. their face and/or card) at the door, the OP400 slave reader will query its embedded database for a credential-match. Upon positive match the OP400 slave reader will transmit the user ID to the Amag panel via Wiegand. If the panel determines that the user has appropriate access rights, the Amag panel will unlock the door, accordingly.

Note any subsequent change in users (from Symmetry) or face templates (on OP400 Master) are automatically synchronized with OP400 slave readers on the network.

## Hardware Diagram



## Data Communication Flow



## Part Numbers

**OP-400-ID**  
OP-400 with fingerprint & ZKAccess ID card reader

**OP-400-HID**  
OP-400 with fingerprint & HID 125 kHz card reader

**OP-400-iClass**  
OP-400 with fingerprint & HID iClass card reader

**OP-400-M**  
OP-400 with fingerprint & Mifare card reader

## ZKTeco USA

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