

# suprema BioStar



**BioStar** | BioStar is the name of Suprema's next generation access control system based on IP connectivity and biometric security. A biometric device installed at each door works not only as a reader but also as an intelligent controller on its own. Separate secure relay units can be installed inside a door to eliminate security breaches.

The meeting of biometrics and IP makes a perfect fit by leveraging the merits of each technology. The cost increase of biometrics can be compensated in BioStar by removing expensive control panels from the system and eliminating cabling from a central panel to each reader. BioStar's IP based connectivity makes biometric data distribution in a network no more difficult job.

Now, the synergy of Biometrics and IP opens the future of access control systems.

## Features

- \* Simple and easy installation with less wiring
- \* Lower cost per door without conventional control panels
- \* Flexible and extendible IP based system structure
- \* Biometric security at the price of legacy card based systems
- \* Flexible zone management for anti-passback and alarm
- \* BioStar SDK for easy integration with third party systems



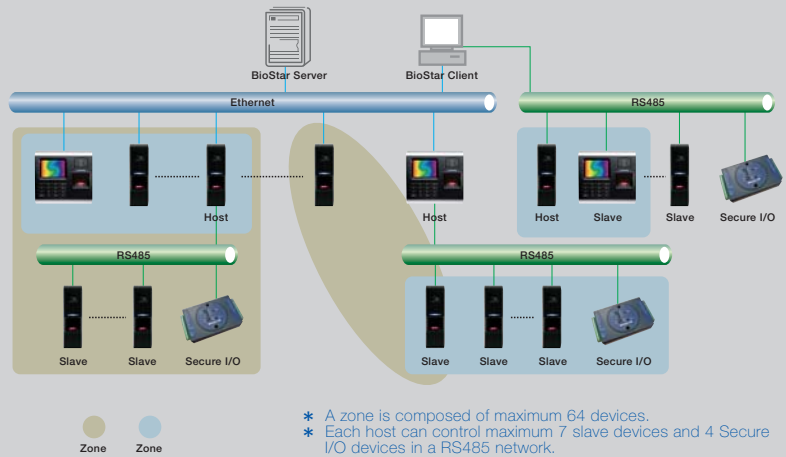
# SUPREMA BioStar

## IP based Distributed Access Control System

### Specifications

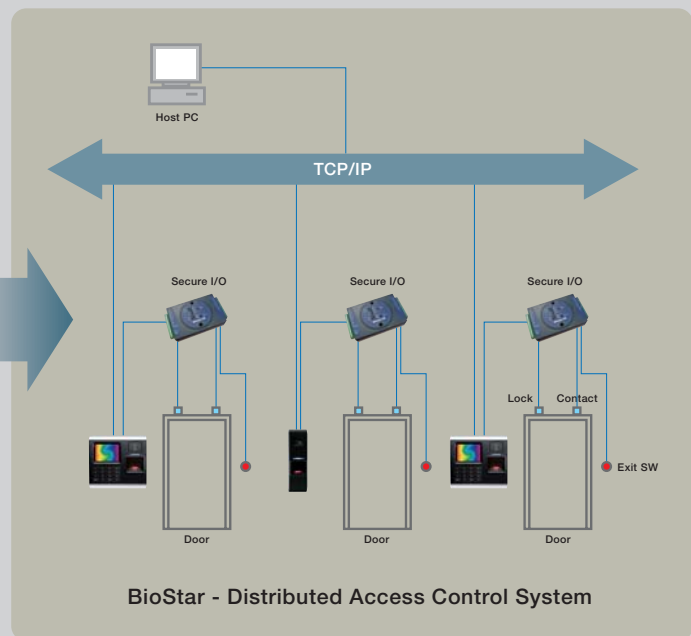
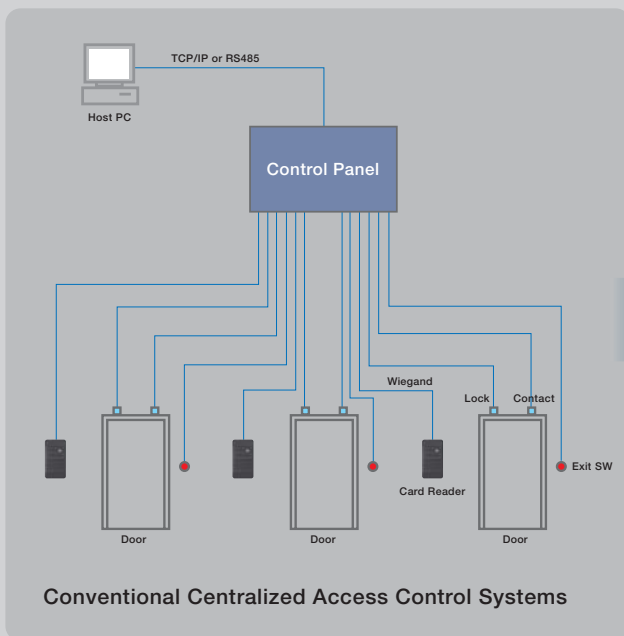
- \* Maximum 512 doors
- \* Maximum 512 devices
- \* Server-client based (32 clients accessible)
- \* 128 time schedules
- \* 128 access groups
- \* Zone
  - Maximum 64 devices per zone
  - Anti-passback, entrance limitation
  - Alarm zone
  - Fire alarm zone
- \* Network interface
  - TCP/IP, RS485
- \* Database
  - MSDE(default), MS SQL, MySQL, Oracle
- \* Supported Devices
  - BioStation
  - BioEntry Plus
  - Secure I/O

### Systems Structure



Compared to conventional access control systems, BioStar provides efficiency and stability by distributing intelligence to each door. A number of devices networked by Ethernet or RS485 can be easily grouped together to coordinate a zone for anti-passback or alarm management.

### Advantage of Distributed System Concept of BioStar



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