

S1000



Expansion Modules



8 Input and 2 Output



6 Output



Cellular + Wifi



PSTN



Dual Ethernet



Card Reader Interface

Field Equipments



Sensor Interface



Card Reader Interface

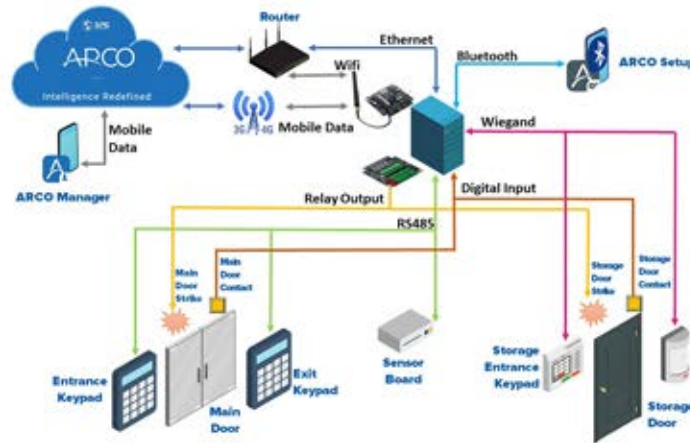


Remote IO



Audio Listen In

System Setup



Keypads and Readers



Alarm Keypad



Display Reader



OSDP Keypad



OSDP Reader



Slimline Reader



USB Enrollment Reader



Mini Camera



ID Camera

Technical Specification

Database

- Card/user capacity: 1000 default (500,000 with SD Card)
- Transaction storage: 1000 default (65,000 with SD Card)
- Holidays: 100 dates, 5 holiday types
- Time Zones: 150

Onboard I/O

- Inputs - 8 Multi End-of-line monitored inputs or analogue 0-10V inputs (default 10K, programmable from 1K to 50K)
- Outputs: 2 Relay NO/NC dry contact 0.5A@120VAC/1A@24VDC, 6 O/C 0-24V@250mA
- Readers: 2 Wiegand D0/D1 (door contact, egress, door strike, green/red LED control, buzzer)

Alarm

- Inputs: 255 max
- Outputs: 192 max
- Intrusion Areas: 8 max
- Alarm keypads: 8 max
- Device: default 32 max (with SD Card 150 max)
- Tamper Input (top and bottom)

Access Control

- Card formats: Up to 128-bit cards
- Readers: 32
- Doors: 16
- Maximum Number of Access Roles: 200
- Maximum Number of Time Schedules: 150
- Maximum Number of Holidays: 100

Macros and Communication

- Up to 1000
- RJ45 Ethernet Port 10/100 BaseT
- RS485 multidrop OSDP port Isolated RS232/RS485
- Configurable port for 3rd party devices
- BLE 4.2

ARCO Platform



The ARCO Platform is an intelligent, centrally controlled, management platform, designed primarily for monitoring security and building management.

ARCO ViMS



ARCO Visitor Management System (ViMS) is a software solution within the ARCO Platform designed for a quick and accurate enrollment and identification of visitors in facilities.

ARCO Setup



ARCO Setup App provides network settings for the S1000 Smart Controller to establish remote communications to ARCO Platform, input and output testing both locally and end-to-end.

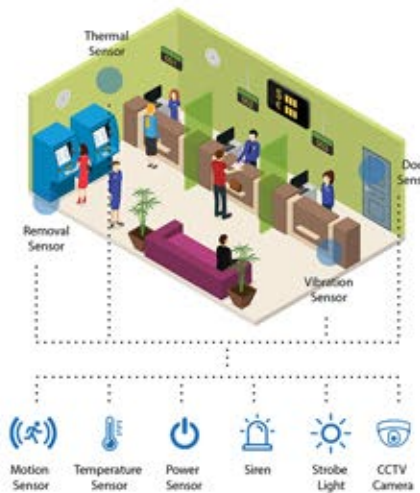
ARCO Manager

















ARCO Manager App provides mobile optimised Dashboard summary, Alarm management, and User monitoring.

ARCO Features

- Built with the latest web technologies
- Cloud friendly, fully web-based
- Horizontal scalability, unlimited connections
- Multiple Database support (MS SQL, MySQL)
- IoT Compatible - Device Analytics
- Multiple OS support (MS, Linux)
- Open API – every function is accessible
- Supports Dynamic Server Environment unlimited redundancy
- Alarm notification pop-up and alert
- AI Capable – Programmable Logic Rules
- Supports unlimited users
- Supports multiple languages
- Supports full site partitioning and audit history
- Supports unlimited hardware IO devices
- Integration to third-party monitoring systems
- Unlimited web client connections



 FIRE ALARMS	 INTRUDER ALARMS
 ACCESS CONTROL	 VISITOR MANAGEMENT
 BIOMETRICS	 WIRELESS READERS
 WIRELESS ALARMS	 CCTV - LIVE AND RECORDED
 RULES MAPPING	 TIME & ATTENDANCE
 TEMPERATURE AND HUMIDITY SENSORS	 VIBRATION SENSORS
 POWER SENSORS	 AUDIO VERIFICATION