MicroEngine®

Integrated Security Systems

Product Catalogue

Attendance • Access • Security • Integration

Integrated Security

- Door / Lift / Car Park Access • Alarm Monitoring • CCTV Integration
- Visitor Management • Time Attendance • Guard Tour • Photo Badging

Alarm Monitoring

- Supervised Inputs • Relay Outputs • IO Programming

Car Park Management

- Vehicle Count Control • Car Park Payment Management System

Time Attendance

- Dedicated Unit for Attendance Recording • Overnight Shift

Connectivity

- RS232 • RS485 • Modem • IP LAN • PoE • SMS • WAN

CCTV

Web Based

Door Access

xPortalNet

Time Attendance

Visitor Management

Car Parking

Guard Tour

Lift Access

Extensive Connectivity

Established since 2000

www.microengine.net

FingerPrint Access Control

- Door Access / Time Attendance / Alarm application
- Touch sense keypad with dimming backlight
- Up to 3,200 templates, 20,000 event transactions
- Fingerprint verification time < 1 second
- Up to 100 time sets, 100 time zones, 30 holiday settings
- Access Mode - combination of card (EM / Mifare / CEPAS), Pin & fingerprint
- Connectivity - RS232 / RS485 / LAN
- Graphic LCD to display programming menus and controller status
- Built-in Real Time Clock with backup battery

XP-GT3200L

Single-Door Access Control

- Door Access / Car Park Access / Time Attendance / Alarm application
- Up to 1,200 card users, 10,000 transactions
- Up to 100 time sets, 100 time zones, 30 holiday settings
- Access Mode - combination of card (EM / Mifare / CEPAS) & Pin
- Connectivity - RS232 / RS485 / LAN
- Easy to configure
- Standalone or PC based operation
- Built-in Real Time Clock with backup battery
- Touch Sense keypad (GTR1200L)

XP-M1000X, XP-SR1000, XP-GT3200L

Plato Reader Series

- Slim and stylish design
- Weather proof
- Using RS485 - longer distance (up to 1km away from controller)
- EM / Mifare CSN / CEPAS / Mifare Sector Reading / DesFire
- Better security with 16-digit card numbers
- 20-digit Card ID and CSN for DesFire Cards
- Not identification by Card Serial Number for Mifare Sector Reading and DesFire
- Touch Sense keypad
- Colour LCD
- 2 stylish LED indicators
- Built-in buzzer

Plato Readers   CE

GLS100

- High Security Controller
- Supports DesFire Plato Readers
- 64 bit Card ID (20-digit)
- Not Identification by Serial Number
- Records both Card ID and Card Serial Number in event log
- 10,000 card users and 50,000 transactions
- Software configurable credential setting
- 10/100 Base LAN

GLS100

Client-Server Based Security Software

- Door Access / Car Park Access / Lift Access / Time Attendance / Alarm application
- Integrated visitor management system
- CCTV integration - event triggered viewing
- Multiple connectivity options - RS485 / LAN / WAN / modem dial-up
- Built on Microsoft.NET Framework & supports different Database i.e. SQL, Oracle
- Flexible deployment - web client + application client
- Customisable to cater for non-standard requirements
- Cross platform compatibility - only web browser required to operate
- No special configuration or changes are need on user's PCs
- Easier support and maintenance
- Online event on web page & online interactive floor plan on web page

xPortalNet

Encrypted IP Controllers

- 1/2/5/10 encrypted IP based controller
- Large capacity - up to 100,000 card users, 200,000 event transactions, 1024 doors
- Encrypted IP communication (Push Based)
- 16-digit card numbers for better security
- Built-in supervised inputs
- Supports Door Access, Lift Access, Car Park Access, Alarm Monitoring, Guard Tour & Facility Integration
- Hardware controlled global anti-passback or Peer to Peer Mode
- Multiple door interlocking
- Emergency / fire alarm activated door release
- Web based diagnostic
- On-site firmware upgradable

M1000i   **P1000i**

M2000i   **SNet**

Serial Multi-Door Access Controllers

- 2/5/10 RS485 door controller
- Door Access / Car Park Access / Time Attendance application
- Large capacity - Up to 20,000 card users, 50,000 event transactions, 320 doors
- Up to 255 time sets, 255 time zones, 30 holiday settings
- Up to 20 doors per controller, 16 controllers per bus
- High speed operation < 1 second card verification time
- Hardware controlled global anti-passback
- Multiple door interlocking feature
- Emergency / fire alarm activated door release

CPRO   **C2000**

Other Applications

- Alarm Monitoring System
  - Up to 2048 supervised inputs, 1024 relay outputs
  - Alarm instruction programming
  - Software / hardware arm/disarm
  - Scheduled arm / disarm
  - Able to support door access terminals on the same bus

- High Level Lift/Elevator Interface
  - Smart lobby with high level interfacing to selected elevator brands
  - Integrated access control with traffic management to provide better user satisfaction
  - Configurable mapping for access setting to lift controller

MIO-S168

Access Control with Time Attendance Software

xPortal3000

- Door Access / Lift Access / Time Attendance application
- Supports common office attendance requirements
- New User Interface with built in diagnostic
- Real time / scheduled data export
- Scheduled backup
- User configurable export format to payroll systems
- Configurable software menu access level
- Client-Server design, up to 3 clients
- Built on Microsoft.NET Framework
- Multi-Database for ease of managing branches
- Operates on Firebird database engine

Standalone Access Control

XP-SK32 / XP-SR40 / XP-SR200K

- Wide product range
  - Pin only   : XP-SK32 (32 users)
  - Card only   : XP-SR40 (40 users)
  - Card + Pin   : XP-SR200K (200 users)
- Easy to use, easy to program, easy to maintain
- High quality ABS casing with epoxy coated keypad
- Built in polarity protection
- Internal system integrity monitoring
- Reliable and robust design

About MicroEngine

- Established since 2000
- With in-house R&D
- Focused in Integrated Security Solution
- Provide technical support
- Provide customisation / tailor made solutions

Quality Management System

- ISO 9001 certified since 2004

Management & R&D Centre

Sales & Service Center

Sales & Service Office Singapore

Factory

Singapore

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Specifications subject to change without prior notice.