

# 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

### Connectivity

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



*Established since 2000*





**XP-GT3500L/ABL**

### FingerPrint Access Control

- Door Access / Time Attendance / Alarm application
- Touch sense keypad with dimming backlight
- Up to 3,500 templates, 10,000 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 - RS485 / LAN
- Graphic LCD to display programming menus and controller status
- Built-in Real Time Clock with backup battery



**XP-M1000X, XP-SR1000,  
XP-GTR1500L**

### Single-Door Access Control

- Door Access / Car Park Access / Time Attendance / Alarm application
- Up to 1,500 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 - RS485 / LAN
- Easy to configure
- Standalone or PC based operation
- Built-in Real Time Clock with backup battery
- Touch Sense keypad (GTR1200L)



**Plato Readers**



### 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
- Better security with 16-digit card numbers
- Not identification by Card Serial Number for Mifare Sector Reading
- Touch Sense keypad
- Colour LCD
- 2 stylish LED indicators
- Built-in buzzer



**Plato DesFire Readers**

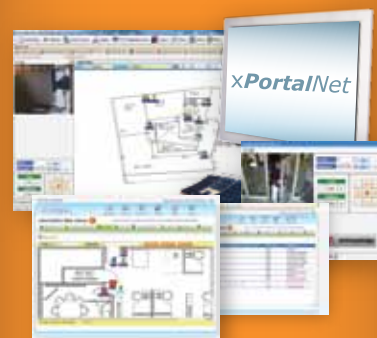


### Plato DesFire Reader Series (Enhanced Antenna)

- Slim and stylish design
- Weather proof
- Using RS485 - longer distance (up to 1km away from controller)
- Configurable DesFire Security Profile
- 20-digit Card ID and CSN for DesFire Cards
- Not identification by Card Serial Number for DesFire
- Touch Sense keypad
- DesFire Reader with Enhanced Antenna for high power DesFire reading
- Built-in buzzer

## 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 HS - DesFire



**xPortalNet HS**

## 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



**M1300i**



**P1000i**



**M2300i**



**SNet**

## GLS130/GLS300

- High Security Controller with Configurable DesFire Security Profile
- 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
- 30,000 card users and 50,000 transactions
- Software configurable credential setting
- 10/100 Base LAN



**GLS130/GLS300**

## Other Applications

- Alarm Monitoring System
  - Up to 2048 supervised inputs, 1024 relay outputs
  - Alarm instruction programming
  - Software / hardware arm/disarm
  - Scheduled arm / disarm
- 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



**SNET-LID**



**SNET-E248**



**SNET-E32R**





## xPortal3000

### Access Control with Time Attendance Software

- Mifare Sector Reading
- 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



## XP-SK32 / XP-SR200K

### Standalone Access Control

- Wide product range
  - Pin only : XP-SK32 (32 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

### Singapore

#### MicroEngine International Pte Ltd (200619163H)

21, Bukit Batok Crescent, #11-81, WCEGA Tower,  
Singapore, 658065

Tel | 1-800-570-8832 (within Singapore)

### Malaysia

#### MicroEngine Technology Sdn Bhd (535550-U)

Unit 11-06, Block A, Phileo Damansara 2, Section 16,  
Jln 16/11, Off Jln Damansara, 46350 Petaling Jaya,  
Selangor D. E., Malaysia

Tel | 1300-88-3925 (within Malaysia)

### Quality Management System

- ISO 9001 certified since 2004



Management & R&D Centre



Sales & Service Center



Sales & Service Office  
Singapore



Factory

Email | enquiry@microengine.net Website | www.microengine.net

Specifications subject to change without prior notice.

