

MicroEngine®

Integrated Security Systems

Product Catalogue

Attendance • Access • Security • Integration

Integrated Security Management System

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

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

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



Established since 2000

www.microengine.net





XP-GT3500L/LABX
XP-GT10KL/LABX

FingerPrint Access Control

- Door Access / Time Attendance / Alarm application
- Touch sense keypad with dimming backlight
- Up to 10,000 (3,500 for XP-GT3500L) templates
- Up to 10,000 event transactions
- Fingerprint verification time < 1 second (≈ 4 seconds for XP-GT10KL/LABX)
- 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-GTR1500L/LABX

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



Plato QR/Card/PIN
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 / QR Code 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
- Supports OnPremQR system (for Plato-Q80MS QR Reader only)



Plato Multi Format
Card Reader



Plato Multi Format Card Reader Series

- Slim and stylish design
- Weather proof
- Using RS485 - longer distance (up to 1km away from controller)
- Mifare Classic and Mifare DesFire Reading
- 20-digit Card ID and CSN for Mifare DesFire Cards
- Not identification by Card Serial Number for Mifare DesFire
- Touch Sense keypad
- Built-in buzzer

Integrated Security Management System 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 Databases 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
- API Partner Developer Programme Available
- Online event on web page & online interactive floor plan on web page
- xPortalNet HS v1.8 - Mifare DesFire



xPortalNet HS v1.8

Encrypted IP Controllers

- 1/2/5/10 Door 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
- Multiple Door Interlocking
- Emergency / Fire Alarm activated door release
- Web based diagnostic
- On-site firmware upgradable



XP-M1300i



XP-P1000i



XP-M2300i



XP-SNET

Mifare DesFire Controllers

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



XP-GLS130



XP-GLS230



XP-GLS300



XP-GLS5000

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



XP-SNET-LID

XP-SNET-E248

XP-SNET-E32R





xPortal5000

Access Control with Time Attendance Software

- Mifare Sector Reading
- Door Access / Lift Access / Time Attendance / OnPremQR™ 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 engines



**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 team
- Focused in Integrated Security Management System
- Provide technical support
- Provide customisation / tailor-made solutions

Singapore

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Quality Management System

- ISO 9001 certified since 2004



Management & R&D Centre



Sales & Service Center



**Sales & Service Office
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Factory

Malaysia

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