

**AmanoNet Key Features**

- Networkable via LAN/WAN using TCP/IP
- SQL compatible open architecture client/server database
- Support for Microsoft® SQL Server and Oracle® databases
- ODBC and JDBC compliant
- Operates on multiple operating systems
- Powerful web based reporting, accessible via standard internet browser
- System tree user-interface with drag and drop feature for programming and modifying system configuration
- Full user security
- Graphical floorplan interface for easy multiple site monitoring and camera viewing

**Tag Related Features**

- Tag only or tag + PIN entry
- Duress codes
- Multiple tags per user
- Tag access groups
- Tag counting features
- Support for HID tags
- Time limited access
- Tag suspension facility
- Tag location monitoring
- Time patterns
- Anti-passback control

**System Related Features**

- Visitors and hosted visitors
- Downloadable firmware
- Password control
- Holidays
- Audit trail
- On-line help
- Dual tag entry for high security
- Menus and data archiving
- Building management features

**Zone Related Features**

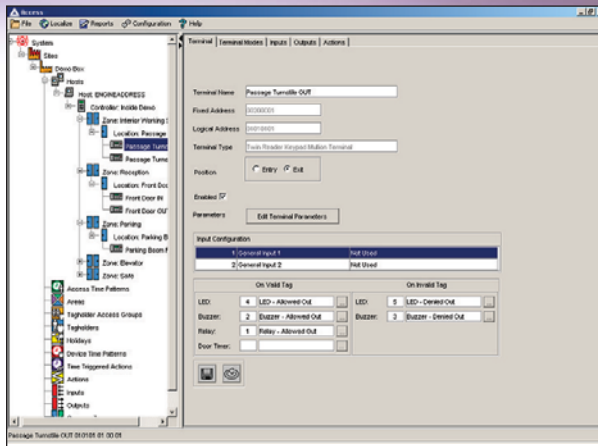
- Supervisor tag unlock
- Adjacent zoning
- Cross zone support
- Zone groupings
- Fully nested anti-passback zones
- Zone-based tag count

**AmanoNet PC Requirements**

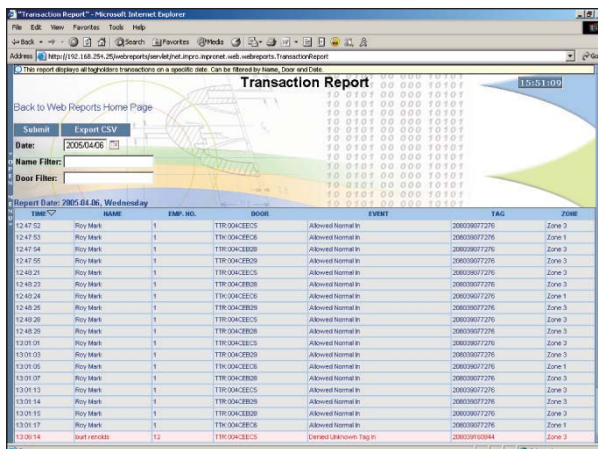
|                  |  |
|------------------|--|
| Hardware         | Pentium IV 2.0 GHz processor, 512 MB RAM, 1 GB free hard drive space, CDROM, RS232 Port, Mouse |
| Operating System | Windows® 2000, NT4 SP6 or XP Professional  |

AUTHORIZED DEALER :

**AMANONET ACCESS**



**WEB REPORTS**



**Cable Requirements**

|                                 |  |
|---------------------------------|--|
| AC Controller to Amano PT/DT/TT | West Penn D291 or equivalent<br>Single 22 gauge stranded twisted pair, overall shield  |
| Amano PT/DT to Remote Reader    | West Penn D3651 or equivalent<br>Two 22 gauge stranded twisted pairs, overall shield   |
| Amano TT to Antenna Readers     | West Penn D3652 or equivalent<br>Three 22 gauge stranded twisted pairs, overall shield |
| Power Cable                     | West Penn B4232 or equivalent<br>18 Gauge 4-conductor stranded unshielded              |

**AMANO®**

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Control through Flexibility

Power through Design . . .

**INTEGRATED Solutions**  
for Enterprise Security



a c c e s s   c o n t r o l

Integrated Digital Video Recording (DVR) System

Integrated badging module for card design and printing

A variety of user friendly AmanoNet Software Modules

Multi-layer graphical floorplan representation including alarm and transaction monitoring

Flexible building management features

Networkable via LAN/WAN

Up to 160,000 tagholders per site

**AMANO®** www.amano.com

# Flexible, Upgradable & Secure . . .

**AXP 400 is a multi-door enterprise access control solution designed to meet today's most demanding security requirements.** The system uses the powerful Amano AC Advanced Controller and the AmanoNet Access Control Software Suite to control over 3,000 doors and up to 160,000 tagholders in a single building, with multiple buildings linked across a worldwide network.

AXP 400 features the latest security innovations including seamless integration with Amano's powerful Amano Digital Video Recording (DVR) system providing visual verification, easier operation and enhanced cost effectiveness with a single log-on . . . the complete security environment organizations are looking for.

## AmanoNet Software

The following modules are available for the AmanoNet Software:

- AmanoNet Engine with browser viewable WebReports
- AmanoNet Access
- Transaction Viewer
- Alarms
- Visitors
- QuickTag
- Graphics
- Card Designer
- CCTV
- Third party Time and Attendance

Modules can be installed on existing PC's within the company network for effective system monitoring and database administration from multiple locations. Each module has restricted user access to the database tables ensuring a high level of system security and integrity.



RS485

**Amano Host Interface**  
Facilitates intercontroller communication for fully functional off-line operation

**Enrollment Reader**

64

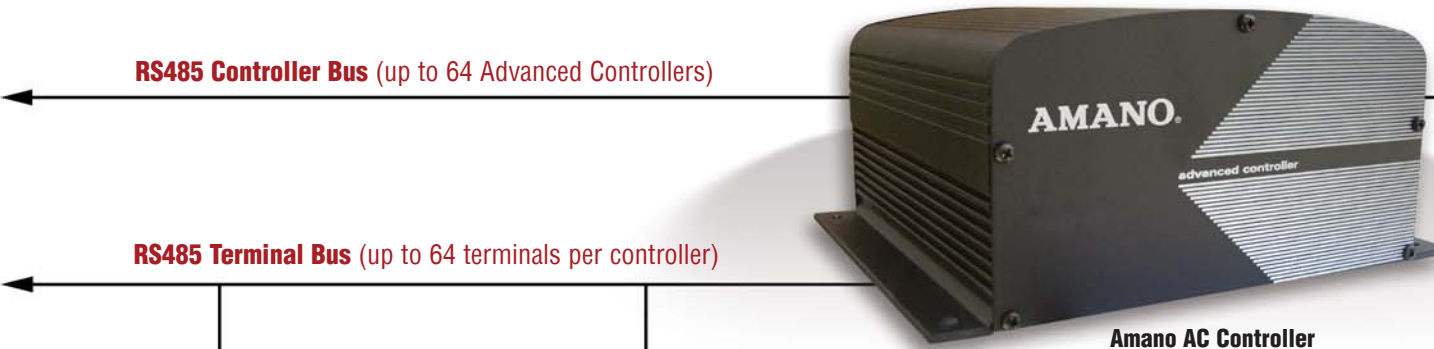
RS485 Controller Bus (up to 64 Advanced Controllers)

64

RS485 Terminal Bus (up to 64 terminals per controller)

## Choice of Hardware

Amano manufactures a full range of system hardware including unique harsh environment metal readers. The Amano TT is a reader interface module that supports two antenna readers, allowing for full anti-passback at each access location. The Amano TT provides input sensors for door open/close sensing and request to exit, and relay outputs for controlling door strikes and other equipment. Additional inputs and outputs are available through the use of the Amano I16, O16 and DR units.



Amano AC Controller



Amano TT



Amano PT



Third Party Biometric Readers

## Third Party Input

The Amano PT is a reader interface module with a built in proximity reader and can be connected to any of the standard Impro remote readers for in/out applications. The PT also includes an input supporting the widely used Wiegand format, allowing third party units such as biometric, magnetic stripe, barcode or time and attendance terminals to be integrated with the AXP 400 system.



Amano MHA

Amano KHA

Amano KA

Amano MA

Amano KMA

Amano MMA

## Floorplan Graphics

An integrated building graphics module allows the user to view custom floorplans of their site. The module includes features such as:

- Audible and visual alarm monitoring with optional realtime digital video viewing and personalized typed response alarm acknowledgement
- Door transaction monitoring with stored tagholder image display
- On-screen remote control (e.g. door open/close and emergency unlock)
- 'Search for tagholder' feature

The Graphics Designer allows users to import floorplans, maps and images into the software. A drag-and-drop feature is used to add system icons to the floorplan. Multiple level floorplans are supported.

## Integrated Digital Video Recording

Amano's iNet DVR system is an upgradable, fully integrated digital video solution that adds flexibility to the AXP 400 access control system.

- Up to 16 camera inputs per recorder
- Continuous, event-triggered and time-lapse modes
- Data transfer over TCP/IP Network
- MPEG 4 Plus image compression
- Individual motion detection for each camera
- Versatile retrieval and search utilities
- Several playback modes
- Image analysis and authentication tools
- LAN/WAN viewing of alarms and cameras
- Support for PTZ and TCP/IP cameras

