

PCSC

Future Security

Access Control



Fault Tolerant Pro

When it comes to life safety, we look beyond security and strive for operational excellence. PCSC has designed the all new Fault Tolerant Pro (FT Pro) Access Controller to exceed all previous models and its form factor is sized at just a fraction. Building upon the patented Fault Tolerant Architecture, the FT Pro is the high security door access controller of choice for the latest in technical advancements. Designed for easy installation in today's complex world.

Offering the highest level of reliability with its automated process of system recovery for access control, alarm monitoring and output control systems. The FT Architecture (FTA) is the next evolution of building security management designed with a Virtual Point Definition network, integrated peer-to-peer and redundant communications. The FT system is designed to automatically recover regardless of communication or controller failure.

The FTA consists of one or more Fault Tolerant Controllers (FTC) and Door Interface Modules (DIM). The FTCs and DIMs are designed with an Open Standards Operating System utilizing Hydra Protocol to provide the highest level of system operations and reliability. The DIM is currently offered in a Dual Door Module (DDM) or Single Door Module (SDME).



At a Glance:

- Fault Tolerant Architecture
- OEM Integration Capable with SDK
- New Smaller Form Factor
- Easy Installation
- 55% Lower Cost



PRELIMINARY DATA SHEET All specifications and details are subject to verification and may change.

PCSC

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New smaller form factor, feature packed and easy installation



Fault Tolerant Pro Details / Specifications

Made in the U.S.A.



System Standard Features

- Fault Tolerant Process
- Automatic Hot Cutover
- Fail Safe Operations
- Open Systems Platform
- Open Architecture Protocol
- Ethernet / PoE Communication
- Peer to Peer Communications
- Homeland Security Threat Level Control
- AutoAlternateCommunicationRouting-3Types
- Access Action for Disabled Persons
- SupervisoryControlledEntryAuthorization
- Onboard Rechargeable Battery Circuit
- Cardholder or Card Group Action
- User Programmable Input Action
- Dynamic Input to Output or Group Output Linking
- Global Anti-Passback
- 3 Levels of Anti-Passback Control
- Automatic Card Activation and Deactivation by Date and Time
- User Configurable Cardholder and History Capacity
- User Selectable Input Monitoring Modes

High Security Features:

- "Threat Level" Card Authorization Logic
- Each Cardholder Supports
- Two Person Minimum Occupancy Rule
- Escort Capable and/or Required
- 5 State Alarm Monitoring
- 2 Stage Alarm Control
- Alarm Latching
- AC Power Fail Notification
- DC Low Power Notification
- Supervised Readers
- Supervised Tamper
- Supervised REX
- FIPS 201 and TWIC Compliant

System Hardware Features

- Quad Core 64 Bit Processor and Architecture
- Processor is based on an ARM processor
- Solid State Memory
- Onboard Ethernet Communication
- PoE
- Alternate Communication
- Host Online Notification
- FLASH Memory
- 5 State Alarm Monitoring
- Supervised Tamper
- Electronically Protected Power Input
- LCD Display (optional)

FT Controller Capacities

- FTA "Clique" Capacity: Maximum 8 FTC
 - Maximum 112 DIM
 - Unlimited "Cliques"
- Cardholders: 20,000 (standard) - 250,000+
- History Transactions: 20,000 (standard) - 250,000+
- Each Cardholder Supports 16 Access Groups
- Simultaneous Multi Card Format Recognition
- Multiple Site Codes (16)
- 16 to 512 Five-State Inputs Supervision*
- 16 to 512 Temperature Monitoring*
- 16 to 512 Relay Outputs*

* Please consult your PCSC representative for configuration availability

Door Interface Module Features

DDM - Dual Door Module

- 32 Bit ARM Processor and Architecture
- Onboard Ethernet Communication
- PoE (optional)
- WirelessMeshCommunications (Optional)
- DualEthernetCommunications (Optional)
- FLASH Memory
- 3 Communication Ports
- Seven Segment Status Display
- Host Online Notification
- Tamper
- Separate Tamper Input
- Battery Charger Output
- 5 State Alarm Monitoring
- 2 Weigand Reader Ports
- 2 Door Lock Form C Relay Outputs
- 2 REX Inputs
- 2 Door Position Inputs
- 2 Alarm Shunt Outputs
- 4 Voltage Outputs

SDME - Single Door Module

- 32BitCPU
- Onboard PoE Communication
- 1 Weigand Reader Port
- 1 Door Lock Form C Relay Output
- 1 REX Input
- 1 Door Position Input
- Powered Lock Output

PRELIMINARY DATA SHEET

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Fault Tolerant Security System
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