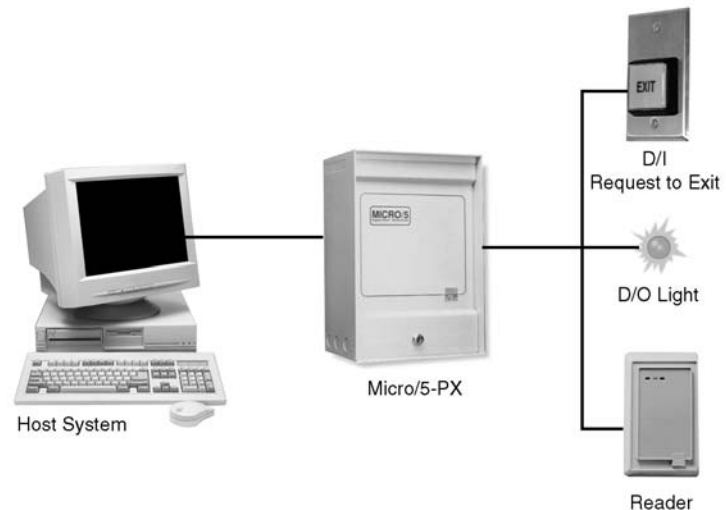




Micro/5-PX **Microcontroller**



FOR PICTURE PERFECT AND SP EDITIONS SECURITY MANAGEMENT SYSTEMS

The Micro/5 is a user configurable microcontroller for use with the full line of CASI access control and alarm management software. The Micro/5 provides distributed processing for the interface of access control readers, keypads, alarm inputs and outputs back to a host system computer. CASI's distributed processing allows each Micro/5 microcontroller to operate independent of the host system computer with the majority of access control and alarm monitoring decisions made locally at the microcontroller. The Micro/5 provides instant response for door control and alarm sensing in the field, while leaving the host system computer with more processing power for quickly executing daily operations such as alarm response, database updates and reporting.

FIELD CONFIGURABLE

The Micro/5-PX has five card file slots for microcontroller options. All options plug into the microcontroller back-plane making field configuration and maintenance easy and economical.

Up to 16 CASI supervised readers, 80 supervised alarm points or 64 relay outputs can be configured into a Micro/5-PX. Note: SP Editions version 3.x supports 16 badge readers per microcontroller, the same as Picture Perfect™.

FLASH MEMORY

The Micro/5 additionally incorporates "FLASH" memory technology that provides the ability to receive its operating system and application remotely from the host system over the already established communications path. This allows

future firmware upgrades centrally from the host system without requiring costly service trips to each location for firmware replacement.

Both the modular design and the "FLASH" memory technology of the Micro/5 provide a simple migration path when considering future host system upgrades.

FLEXIBLE CONFIGURATION

Up to seven micros can be downstream from a head-end Micro/5-PX direct connect or dial-up. Each group of eight micros will support up to 64 badge readers.

FEATURES

- Plug-in options make microcontroller maintenance and reconfiguration quick and easy
- All site microcontrollers are kept up to date by downloading revised software to the microcontroller's Flash Memory from the host system console
- Compatible with SP Editions and Picture Perfect
- The Micro/5-PX is CE, UL-294 and UL-1076 compliant

CONFIGURATION INFORMATION

- Picture Perfect version 1.5 or higher is required in order to configure another microcontroller downstream from a Micro/5-PX dial-up
- SP Editions version 3.x or higher is required when configured with a Micro/5-PX

PRODUCT CONTENT

The standard Micro/5-PX includes an all-steel cabinet with key lock and tamper-switch-protected door. The microcontroller is available without a cabinet when installation into an existing equipment cabinet is required.

NOTES

- Picture Perfect: The Micro/5-PX Flash Memory can not be updated from the system server if a Micro/4 is upstream from the Micro/5-PX
- Picture Perfect: Micro/2s, Micro/4s, Micro/5-Ps and Micro/5-PXs can be configured downstream from both direct connect and dial-up microcontrollers
- Picture Perfect: Bi-directional communication from the end-of-line Micro/5-PX to the system server ensures all microcontrollers maintain a communication path to the system server should the line of microcontroller's communication path be broken. The shift to bi-directional communication is automatic. Bi-directional communication is not available with SP Editions
- SP Editions: A server-connected Micro/5-PX supports both direct connect and dial-up operation
- Micro/5-PX will store 28,000 Badge IDs with SP Editions. With Picture Perfect, storage increases to 196,000 Badge IDs.

CUSTOMER SUPPORT

GE Interlogix and its CASI Business Partner Network offer a full range of support services including site surveys, installation supervision and training. Emergency support is available 24 hours a day, seven days a week.

FOR MORE INFORMATION

Please contact the authorized CASI Business Partner listed below to see how the Micro/5-PX can meet your specific requirements.

SPECIFICATIONS

Dimensions	14" X 10.5" X 6.25" (356mm X 267mm X 159mm)
Operating Environment	+35°F to +122°F (+2°C to +50°C) Humidity 5% to 95% non-condensing
Power	12VDC to 15VDC, 3 Amp to 5 Amp
Back-up Power	Recommended
Communication	<ul style="list-style-type: none"> • Host to Microcontroller, RS-232, 100 ft. • Host to Microcontroller, RS-232 to-RS-422 converter, 1,000 ft. • Microcontroller to Microcontroller, RS-422, 1,000 ft. • Dial-Up
Modem, External	Optional, field installed
Power Dissipation	Will not exceed 50 watts
Agency Approvals	FCC Class A, UL1076, UL294, CE

EXPANSION OPTIONS

5 slots available (see note)

2 Reader Processor Board (2RP)	4 maximum
2 Supervised Reader Processor Board (2SRP)	4 maximum
8 Reader Processor Board (8RP)	2 maximum
20 Digital Input Board (20DI) Supervision resistors included	4 maximum
16 Digital Output Board (16DO)	4 maximum
16 Digital Output Relay Board (16DOR)	4 maximum

STORAGE CAPACITIES

SP Editions Badge Capacity	28,000
Picture Perfect Badge Capacity	196,000
Picture Perfect-Alarm History	2,000
Picture Perfect-Badge History	5,000
SP Editions-General History	16,000

POWER REQUIREMENTS

Door strikes powered separately

3 Amp	8 reader, all technologies
3 Amp	16 reader, non proximity
5 Amp	16 reader, 9XX proximity
5 Amp	2 ea. 16 DO or DOR per M/5-PX

PART NUMBERS

	Standard	No Cabinet
Micro/5-PX	520369001	520369002

Note: Contact your CASI Sales Representative for information on configuration restrictions



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