

FOCAL POINT

Innovative IP Access Control that's Simple, Effective and Scalable

Security and IT work together at your doors and on your network with the all-new Focal Point Security Program from Access Specialties International. Focal Point delivers today's most asked for access control and security benefits at a bottom-line-friendly cost. With Focal Point you get:

Simplicity

- ▲ No special hardware required
- ▲ Large icons for quick navigation
- ▲ All-in-one controller
- ▲ Easy to understand and operate

Economy

- ▲ Low initial cost
- ▲ Easy installation with standard CAT- 5/6 cabling
- ▲ Central IP installation eliminates dedicated security closet
- ▲ No per seat license fee

Flexibility

- ▲ Operates on single or multiple work stations
- ▲ PoE or external power supply

Fully Featured

- ▲ Supports all card technologies
- ▲ Unlimited partitioning capability
- ▲ Distributed intelligence
- ▲ Prints a wide range of reports
- ▲ Fully-encrypted software
- ▲ Powerful access control system with alarm monitoring and building automation control

Scalability

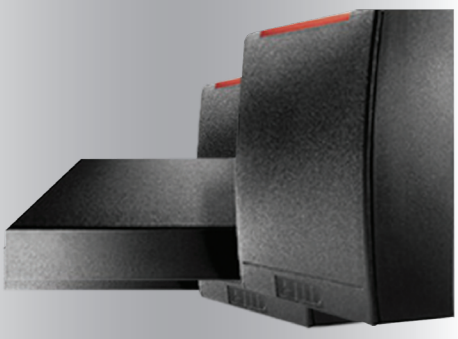
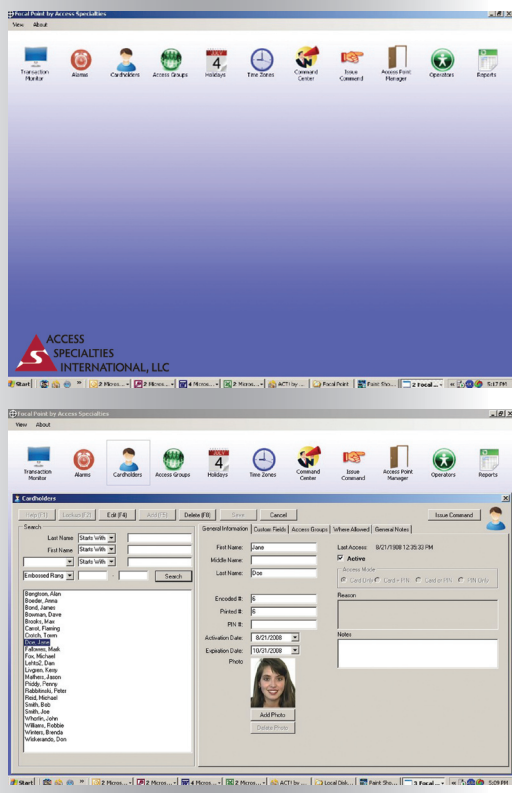
- ▲ Ideal for small to mid-size business environments
- ▲ Easily adapts as your company grows

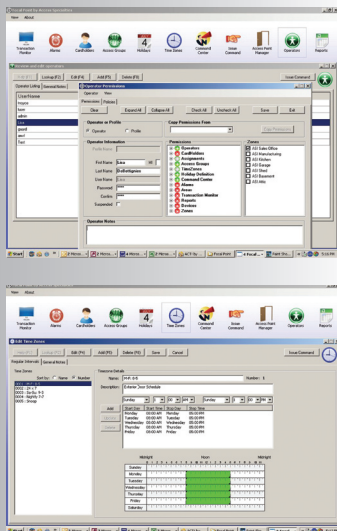
Outstanding Technical Support

- ▲ ASI national dealer network provides expert technical know-how

Features

- ▲ Stores up to 44,000 cards or credentials directly from the host
- ▲ Built-in 802.3af Power over Ethernet (PoE), with 600mA available for external field devices
- ▲ Connects to host on the IP network
- ▲ Controls and powers all access devices at the door
- ▲ Buffers up to 5,000 transactions if communication is disrupted with host and uploads when network communications is restored
- ▲ RS-232 serial port for optional back-up via modem
- ▲ UL294 Listed - Edge Reader 82120B is listed for use in UL installations where exposure is controlled to only authorized persons.
- ▲ Unlimited user-definable fields





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FOCAL POINT SPECIFICATIONS

PC Requirements

- ▲ Windows XP (SP3 or later)
- ▲ 1GB Ram
- ▲ Minimum 80GB Hard Drive

Database Engine

- ▲ MSDE Provided
- ▲ Also support SQL Server

Inputs Per Edge Reader

- ▲ REX, door contact, 3 auxiliary aka battery failure, ac failure, tamper

Outputs Per Edge Reader

- ▲ Door strike, 2 auxiliary outputs w/relay

Offline Transaction Log

- ▲ 5000 transactions are stored; First In First Out Register

Compatible Cards and Formats

- ▲ Supports all card types

Total Access Privileges

- ▲ 65,535

Elevator control

- ▲ Yes

Handicapped Feature

- ▲ Yes (extended unlock time per card)

Multiple Badges per Person

- ▲ Yes

Imaging Application

- ▲ Supports cardholder images and information

Advanced Alarm Monitoring

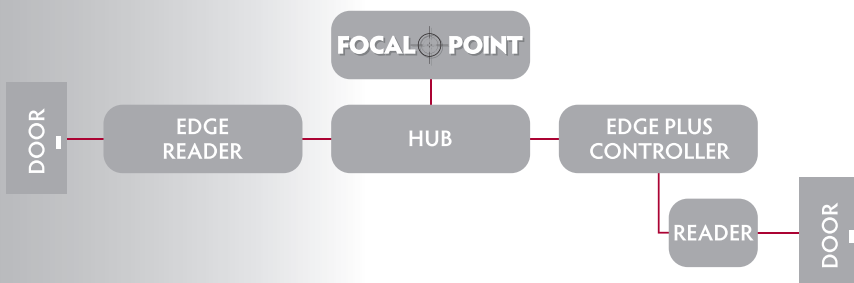
- ▲ Supports operator routing and access control exceptions

Data Import and Export

- ▲ HR Data, Badge and Alarm Transactions transmitted via Microsoft® Excel

Non-latching wet/dry relay outputs for:

- ▲ 1 door strike
- ▲ 1 auxiliary device: door held/forced alarm, alarm shunt, host offline (comms down) or general purpose



Mounting Single-gang style electrical box

Dimensions 3.3" W x 4.8" H x 2.3" D
(83.8 mm x 121.9 mm x 57.9 mm)

Weight 14.7 oz (.400 kg)

Style Attractive UL94 polycarbonate enclosure protects components from damage and all connections are fully identified by silk-screened nomenclature.

Card Data Formats Supports any card data format up to 128 bits

Hardware 32-bit RISC CPU, 100 MHz processor

Memory 8 MB onboard Flash memory
32 MB SDRAM
256K SRAM

Visual Indicators Two LEDs indicate power/network activity and device I/O activity.

Power Supply Requirements 1 A @ 12-16 VDC maximum
Recommended: Power is supplied using the Power over Ethernet technology available with PoE 802.3af enabled network devices.
Alternate: Supervised linear power supply with battery backup, input surge protection, and AC Fail and battery low contact outputs.

Relays can be configured to supply power as follows:

Available Power: The EdgeReader is capable of supplying a total of 600 mA to field devices. Unpowered, relay contacts are rated for 2 A @ 30 VDC

Note: Use of a Listed Access Control / Burglary power-limited power supply is required for all Listed installations.

The EdgeReader is intended for use in indoor environments that comply with the following specifications:

Operating Temperature 32° to 122° F (0° to 50° C)

Operating Humidity 5% to 95% relative, non-condensing

Communication Ports Ethernet – 10 or 100 Mbps
RS-232 – port for Modem or connectivity to other systems.

Certifications UL 294 Listed Component, CSA 205 for Canada, FCC Class A Verification (FCC & Industry Canada Certification for Reader Portion Only) ICES-003 Canada, EU (CE Marking), Australia (C-Tick Mark), New Zealand

Warranty Warrantied against defects in materials and workmanship for 18 months (See complete warranty policy for details).