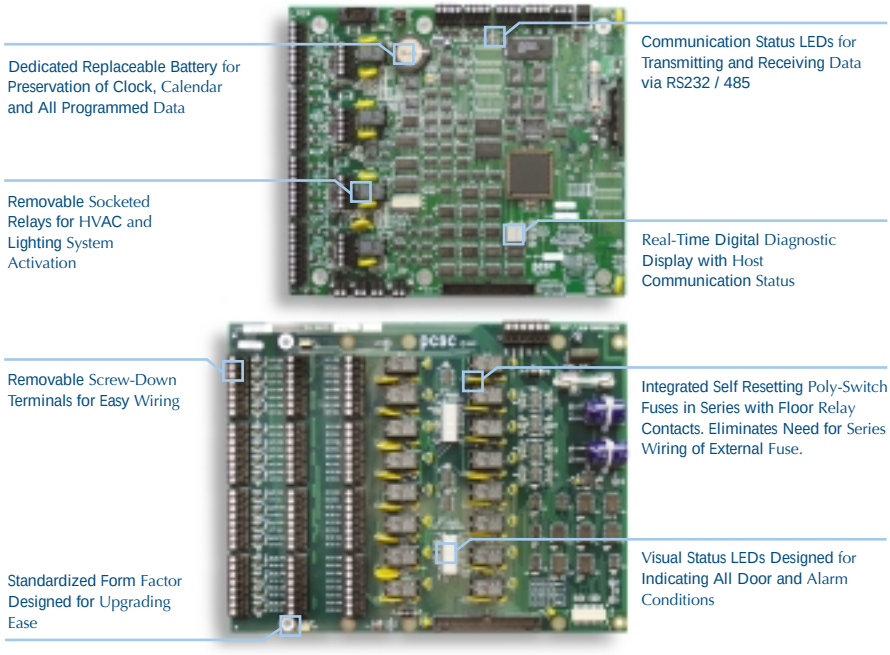
IQ ELV

Two or Four Door Cab Access Control

ELEVATOR CONTROLLER



The **IQ ELV** series controllers offer the most complete set of elevator control configurations to meet any security requirement. The controllers provide 100% distributed intelligence with configurations for 2 or 4 elevator cabs and from 16 to 64 floors. The floor authorization logic is based on cardholder, floor authorization groups, time of day and day of week. User accountability reporting is provided by battery backed history transactions, recording cardholder information by time and by floor selection. Additionally, the controllers automatically provide security on holidays and weekends.

Capacities

- 2 or 4 Elevator Cabs
- 16 - 64 Floors
- Up to 50,000 Cardholders
- 4,000 History Transactions
- 4 Authorizations Groups/Cardholder
- 4 Floor Groups/Cardholder
- 64 Time Periods
- 366 Holidays
- 1 Year Battery Backed Clock Calendar and Memory

Features

- Open Architecture Protocol
- 100% Distributed Intelligence
- Individual Floor Control with Override
- Time Period and Cardholder Floor Control
- Handicapped Access
- Two Person Rule
- Escort Required
- Automatic Card Expiration
- Supervised Readers
- Electronic Firmware Updates (Flash Memory)
- AC Fail Warning
- Battery Low Warning
- Real-time Diagnostics
- Optional Onboard Ethernet
- Upgrade Capable
- UL 294, UL 1076, AUSTEL, CE

Reader Technologies Supported

- Proximity
- Smart Card
- Magnetic Stripe
- Keypad
- Biometric

Communications Supported

- RS485 or RS232
- Dial-up Modem
- Leased Line
- Wireless
- Fiber Optics
- 10/100 TCP/IP Ethernet (optional)

Commitment to Excellence

All PCSC products allow full forward and backward compatibility. Intermixing is also capable with the Ultimate™ Series, IQ™ Series and SIM™ Series controllers. In addition, all products are backed by our commitment for complete customer satisfaction.

LOGICAL INTELLIGENT NETWORK CONTROLLERS

PCSC

1pcsc.com/elv

IQ ELV

Optional Upgrades	Model #
Cardholder Capacity to over 50,000	X
Universal 12 VDC Power Supply with Charger	P6
Enclosure	L or XL
Rear Panel	R

Specifications

Relay Rating: Form C 2.5 Amps @24 VDC

Environmental: 32° F - 115° F (0° C - 46° C)

Humidity: 0 - 90% Non-Condensing

Enclosure Dimensions

16 AWG CRS enclosure with Tamper, Lock, and Key

Large: 21.6"h x 16.1"w x 5.7"d (55.4 cm x 40.9 cm x 14.5 cm) (IQ ELV Only)

XLarge: 28"h x 20"w x 7"d (71.1 cm x 50.8 cm x 17.7 cm)

Cabling Requirements

Host-to-Controller: 4 conductors
Maximum Total Distance 4,000 ft. (1,219 m)

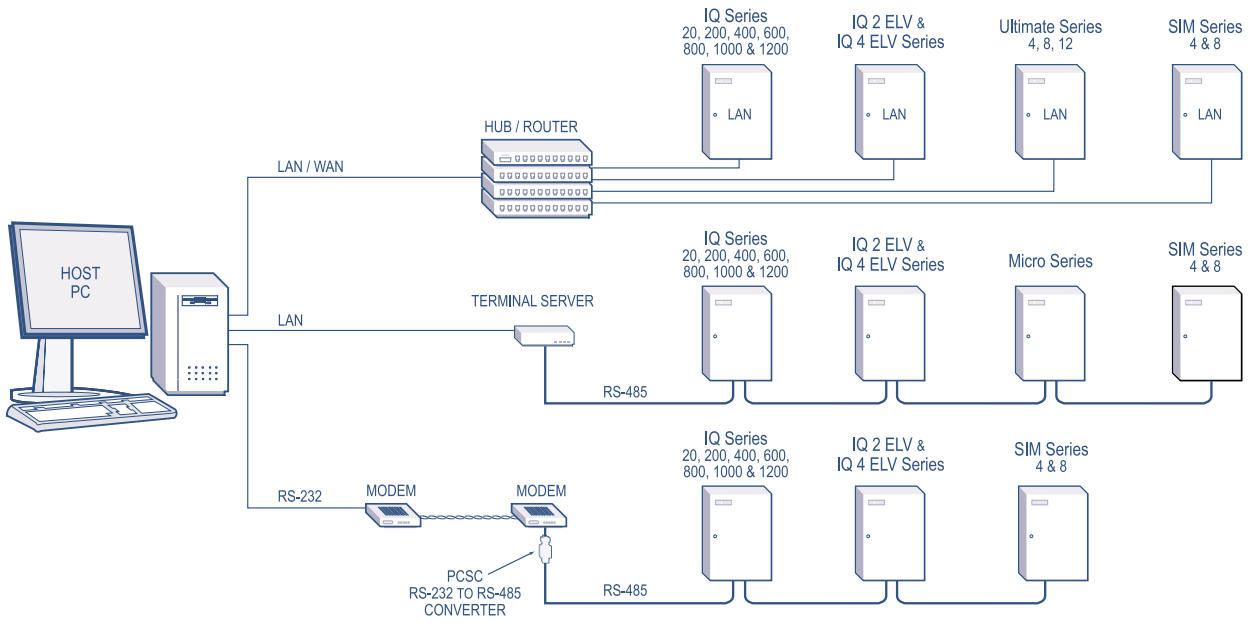
Controller-to-Controller: 4 Conductors
(Maximum Total Distance 4,000 ft. (1,219 m)

Controller-to-Reader:
Reader: 6 Conductors (Flex Cable Rated)
Maximum 500 ft. (152 m) or 2,000 ft. (609 m) with Adapter

Controller-to-Input-Point: 2 Conductors
Maximum 2,000 ft. (609 m)

Elevators use special "trail" (travelling) cable.

	Optional TCP/IP Comm. (LAN)	Cab Reader Ports	Number of Floors	Supervised Readers (Cab)	Additional Supervised Inputs	Voltage Outputs	Enclosure Tamper	Upgrade Capable	Max Power Amps@12VDC
IQ 2 ELV / IQ 4 ELV	YES	2 / 4	16	2 / 4	9/13	6	1	YES	770mA / 850mA
IQ 2 ELV2 / IQ 4 ELV2	YES	2 / 4	32	2 / 4	9/13	6	1	YES	1280mA / 1360mA
IQ 2 ELV3 / IQ 4 ELV3	YES	2 / 4	48	2 / 4	9/13	6	1	YES	1790mA / 1870mA
IQ 2 ELV4 / IQ 4 ELV4	YES	2 / 4	64	2 / 4	9/13	6	1	YES	2300mA / 2380mA



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