Geoffrey

The Geoffrey RCNX Reader Controller is the flexible solution to alarm access control systems.

FEATURES:

- The Geoffrey Reader Controller (RCNX) is an intelligent device, independently programmable, and capable of making decisions at the local level.
- Communication between the RCNX and the system PC can be through the Master Controller, direct to the serial port, IP Addressable, Modem or through a secondary communication port.
- For added security, the RCNX in a dial-up configuration will dial the PC back before receiving any data.

- 2-Wire RS485 or full duplex RS232

- The RCNX will also dial the PC when there is an alarm or when the transaction buffer is 75% full.

- Each RCNX can be used with the Geoffrey Reader Interface and any combination of read head technologies: Magnetic Strip, Wiegand, Barium Ferrite, Bar Code, Smartcard, Biometric and more.

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SPECIFICATIONS

- Dimensions: 9-3/4" H x 13-1/2:W x 1-1/2:D
- Enclosure: 20"H x 20"W x 4"D
- Power: 16 VAC, 4 Amps
- Power consumption (excluding readers): 600mA
- Ambient temperature (without heater): 0° to 60°C or 32° to 140° F.
- Humidity: 10% to 90% (non-condensing)
- Maximum distance to PC: 50 feet RS-232 data communication. Recommended cable: 22 AWG/3-conductor stranded, shielded.
- Maximum distance between MC and RCNX: 4,000 fee RS-485 data communication, (RS0232 data communication available). Recommended cable: 22AWG/2 conductor stranded, shielded, twisted

STANDARD FEATURES

- 16 card reader configuration
- Two 3 amp relays SP/DT
- 8 Inputs Normally Open or Closed (NO/NC; Supervised or Unsupervised)
- Dynamically allocated memory
- 7-amp hour gel cell battery for standby operation
- 1 Mb RAM with 24,600 ID capability
- Lockable enclosure

OPTIONS

- 12 Relay, 8 Input expansion board (GIONX)
- 24 1 amp relays SP/DT, 24 Inputs Normally Open or Normally Closed, Supervised or Unsupervised (GIONX-24)
- 3 Mb additional RAM expansion board with a 125,000 ID capability (GMEMNX-3)
- 7 Mb additional RAM expansion board with a 165,000 ID capability
- Plug-in Modem (GMODNX)
- Additional RS232 port for custom and OEM applications
- IP Addressable Module
- Fiber Optic Converters

I/O Expansion Board (GIONX)
Dimensions: 11" x 3"

I/O Expansion Board 24 Relays (GIONX-24)
Dimensions: 8" x 8"

3 MB Memory Expansion (GMEMNX-3)
Dimensions: 5 1/2" x 2 1/2"

7 MB Memory Expansion (GMEMNX-7)
Dimensions: 6 1/2" x 4 1/2"

Plug-in Modem (GMODNX)
Dimensions: 5 1/4 " x 2"

IP Addressable Module (GIPRCNX)
Dimensions: 5 1/4" x 2"