NXT - 4D
4 Door/8 Reader TCP/IP Controller

- 4 Door/8 Reader Controller for Keri's NXT product line
- On-board TCP/IP connectivity – no network adapters required
- Manages 4 doors with In/Out capability when using NXT Readers
- Reduce cabling costs over RS-485, Current Loop, or other traditional networking schemes by using shielded CAT-5
- Utilize existing LAN/WAN/Ethernet or pull your own dedicated CAT-5/6 Network
- Embedded MAC Address for one button Auto-Configuration
- Standard 4 Pin Block and RJ-45 Jack built-in for network connection
- Re-assignable Inputs and Outputs
- Quick Disconnect Connectors
- 50,000 Cardholders, 10,000 Event Buffer
- Locking Metal Enclosure (no-enclosure option)
- 128 Bit Encryption
- **Keri offers NXT Controllers with optional Mercury Firmware to provide enhanced functionality**

The *NXT-4D Controller* is built for today's IT environments. By using an existing TCP/IP network, controller cabling costs can be eliminated. Or, if building a new network, they can be reduced up to 50% over traditional hard-wired access systems by using inexpensive, shielded CAT-5 cable. The NXT-4D is designed to be extremely intelligent with little reliance on network traffic for decision making, allowing it to be thrifty with any network's valuable bandwidth. With Ethernet functionality built directly into the controller. Keri's propriatary MAC addressing scheme allows for reliable hardware discovery and true one-button autoconfiguration.

To expand the system's capabilities, up to four companion 4X4 Input/Output boards (NXT-4X4) can be added - one to each of the controller's RS-485 trunks (buses). Customers can choose between Keri's line of highly secure, 4-wire *NXT Series Proximity Readers* with reader supervision that also provide In/Out reading capaiblity (8 readers), or any reader with a standard Wiegand output or Keri's *MS Series Proximity Readers* via the *NXT-RM3 Reader Interface Module*. To manage the system, *Doors.NET* software has much of the same look and feel as Keri's acclaimed original *Doors™* software, but with the added functionality of a Client/Server architecture.
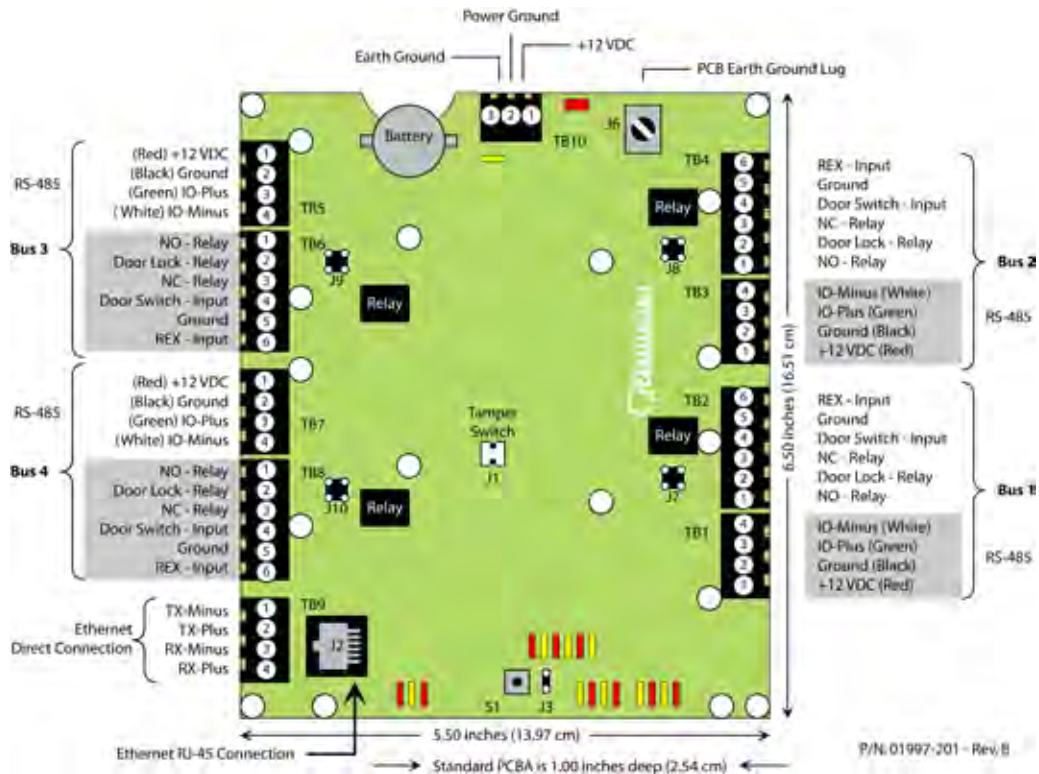
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NXT - 4D
Doors.NET™ 4 Door TCP/IP Controller

SPECIFICATIONS:

Size (Enclosure)
13.125" H x 10.625" W x 3.06" D
(33.34 cm x 26.99 cm x 7.77 cm)

Size (PC Board)
5.6" H x 6.6" W x 2.55" D
(14.28 cm x 16.83 cm x 2.55 cm)

Weight (In Enclosure)
5.00 Lbs (2.27 Kgs)

Input Voltage
+ 12 VDC nom. (10 - 14 VDC)

Current Draw
650 mA typical

Inputs (8, reassignable)
Door Contact Switch (4)
Request to Exit (4)
Expandable up to 24 Inputs

Outputs (4, reassignable)
1.0 amp (24 VDC max.) dry circuit
Expandable up to 20 Outputs

Reader Capacity
8 with NXT Readers *
4 with Wiegand or MS Readers

* 8 Reader capacity requires the
  Mercury Firmware option and
  NXT Readers

Buffer Capacity
50,000 Cardholders
10,000 Events

Temperature / Humidity
-40° F to 140° F
(-40° C to 60° C)
0-90% Non Condensing

Communication
To Server: TCP/IP 10/100 bus
Between Controllers: TCP/IP
10/100 bus

Lithium Battery
5 years Memory Retention

Presented By:

P/N 01793-001 Rev. G