

Features



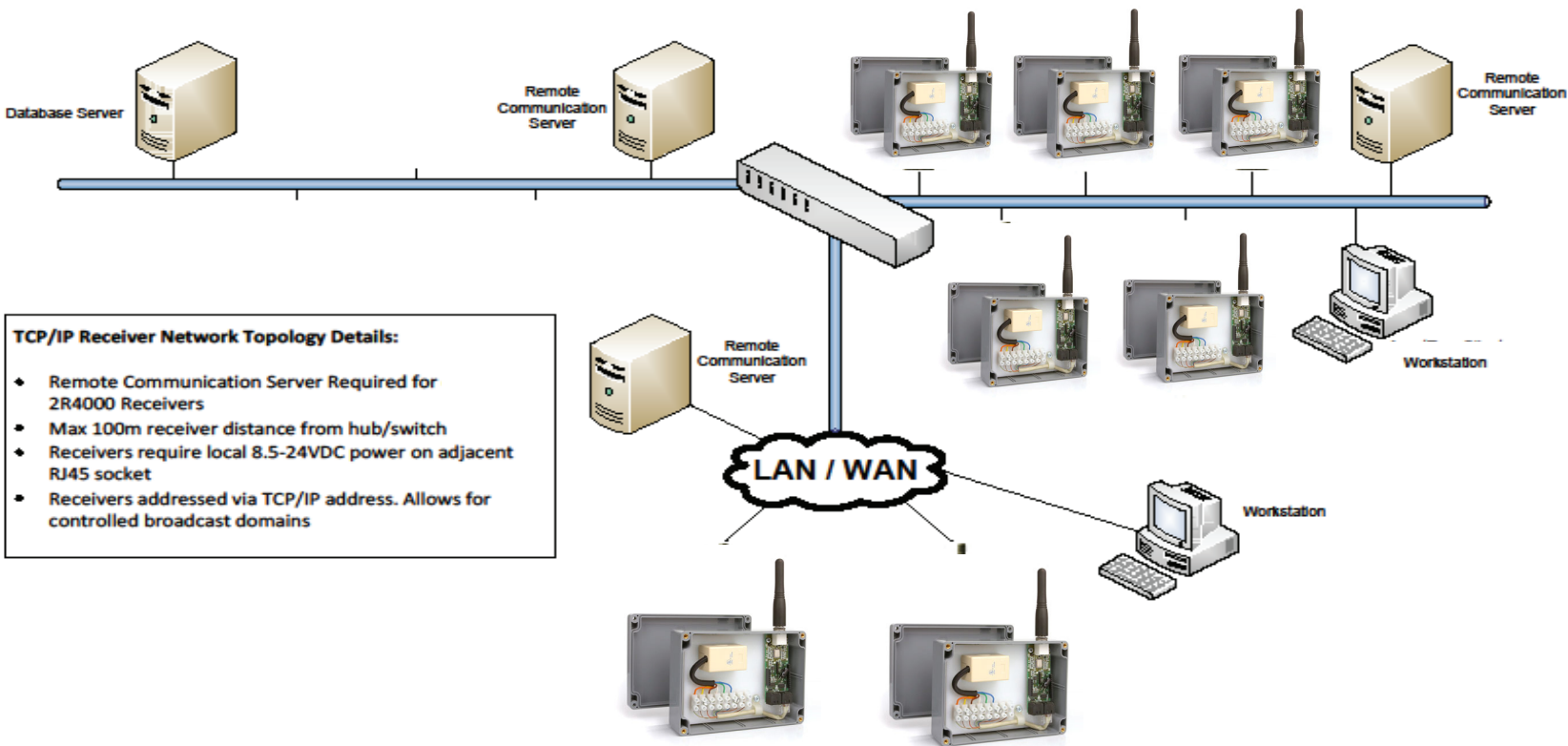
R-4000 Reader
Shown in a 2NEM Enclosure

The R-4000 Reader, like all other 1st Choice Readers, detects and decodes RF transmitted signals from the 1st Choice Long Range RFID Tags. The R-4000 Reader alleviates the costs of installing new cable systems by using a building's existing CAT5 Ethernet cabling network and infrastructure.

In a multi-reader network, readers interconnect using a local or wide area network which allows ease of use and scalability from few readers to many readers residing on the network.

- * Use of existing LAN/WAN infrastructure to position readers
- * Multi-reader network is scalable to suit application needs
- * Very low network bandwidth utilization
- * Readers are easily configured from any PC on the LAN/WAN running software.
- * Powered via RJ-45 port.
- * Reader status indication by LED's at RJ45 connectors.
- * Adjustable Read Range: 1'-600- with standard Antenna
Longer range with special Antennas
- * Plug-in tool kit for field programming and adjustments
- * Both Omni-Directional and Directional Antennas are available
- * Wireless Mesh Available Soon.

R4000 TCP/IP Receiver Network Topology



Specifications

Frequency.....433.92 Mhz
 Antenna Input.....BNC Female
 Sensitivity.....-103 dBm
 Bandwidth.....700 kHz
 Operational Temperature.....-40° C to +70° C
 Size.....110 x63 x22 mm
 Weight.....35 grams
 Max Current.....60 mA
 Supply Voltage.....8.5-24 VDC
 Communications.....TCP / IP

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