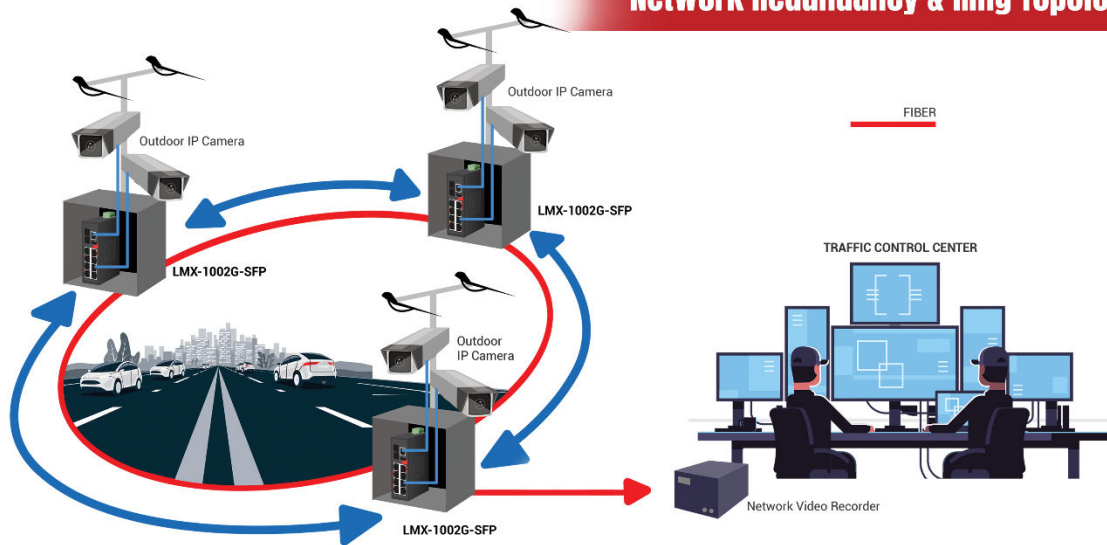


## Network Redundancy & Ring Topology



A ring topology is a network configuration where each networked device is connected to two other devices on either side of it to form a circular “ring” data path. When data is transferred in a ring topology, the data is sent in one direction along the single continuous pathway. Each device has a repeater that will forward the data until it reaches the device in the topology that the data was intended for.

At Antaira Technologies, we recognize the importance of a reliable, redundant network. Many of our industrial Ethernet switches support the ERPS ring redundancy function. Using the market’s open standard ITU-T under G.8032 ERPS (Ethernet ring protection switch) protocol, our devices have a minimal network recovery time of less than 50ms. The ERPS protocol also provides recovery switching for Ethernet traffic while preventing loops from forming at the Ethernet layer.

In addition to ERPS devices, we also stock industrial Wifi repeaters to further enhance network stability in networks that require wider coverage. To learn more about how you can enhance the reliability of your network using our highly innovative products, check out the products featured below!

### PRODUCT HIGHLIGHTS



#### PRODUCT DETAILS

##### LMX-1002G-SFP-T

###### 10-Port Industrial Gigabit Light Layer 3 Managed Ethernet Switch

- ERPS/G.8032 - open standard redundant Ethernet Ring
- LACP - Link Aggregation Configuration Protocol for Link redundancy and additional bandwidth
- Spanning tree and rapid spanning tree permitting multilink redundancy
- Loop protection preventing network configuration errors from disabling the network



#### PRODUCT DETAILS

##### ARX-7234-AC-PD-T

###### Industrial Outdoor IP67 Metal Housing Dual Radio Wireless AP/Client/Bridge/Repeater

- IP67 rated case
- External antennas
- Sturdy aluminum construction
- High power transmitter Tx Power 24dBm

