

Fast Redundant Ring Ethernet Switch and Network Adapter

"Redundant network topologies made easy"

Live Studio Feeds DTT Networks Satellite Back Haul DAB Transmission

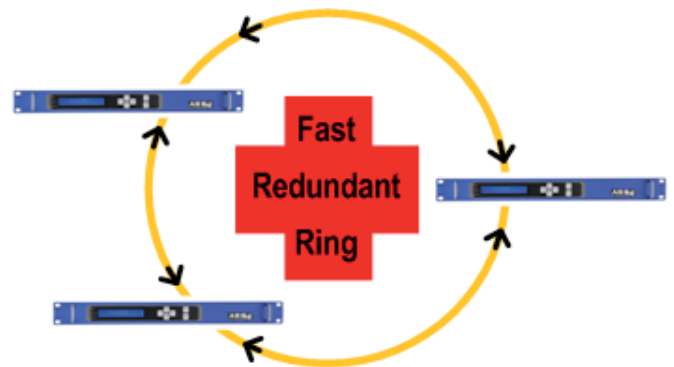
The ARG1900EX is a broadcast network adapter with an integral Ethernet managed switch with fast and Gigabit ports. The integral Ethernet switch features unique Fast Redundant Ring technology enabling low delay fault tolerant ring and meshed networks to be built.

Product Highlights

- 5 ms link recovery
- 2 or 4 ASI ports
- 2 or 4 x 2Mbit/s G.703 user ports
- 2 or 4 IP user ports for Video over IP enables equipment (IGMPv2)
- 2 or 4 Network ports for meshed or loop architecture (Fast Redundant Ring)
- 2 optional optical Gig ports (SFP) - (2 x GigE RJ45 standard).

Real-Time Secure Performance

- Fast Redundant Ring technology 5 ms link recovery
- SNMPv2 network management
- SNMPv3 authentication and security
- Priority Queing (QoS/CoS)
- IGMPv2 Multicast filtering
- VLAN for convenient traffic aggregation
- RMON & port mirroring for advanced diagnostics
- COP#3 FEC on ASI ports
- IPv4, IPv6, ARP, IGMPv2
- IEEE 802.3x, 802.1 D/w, 802.1p 802.1Q and more



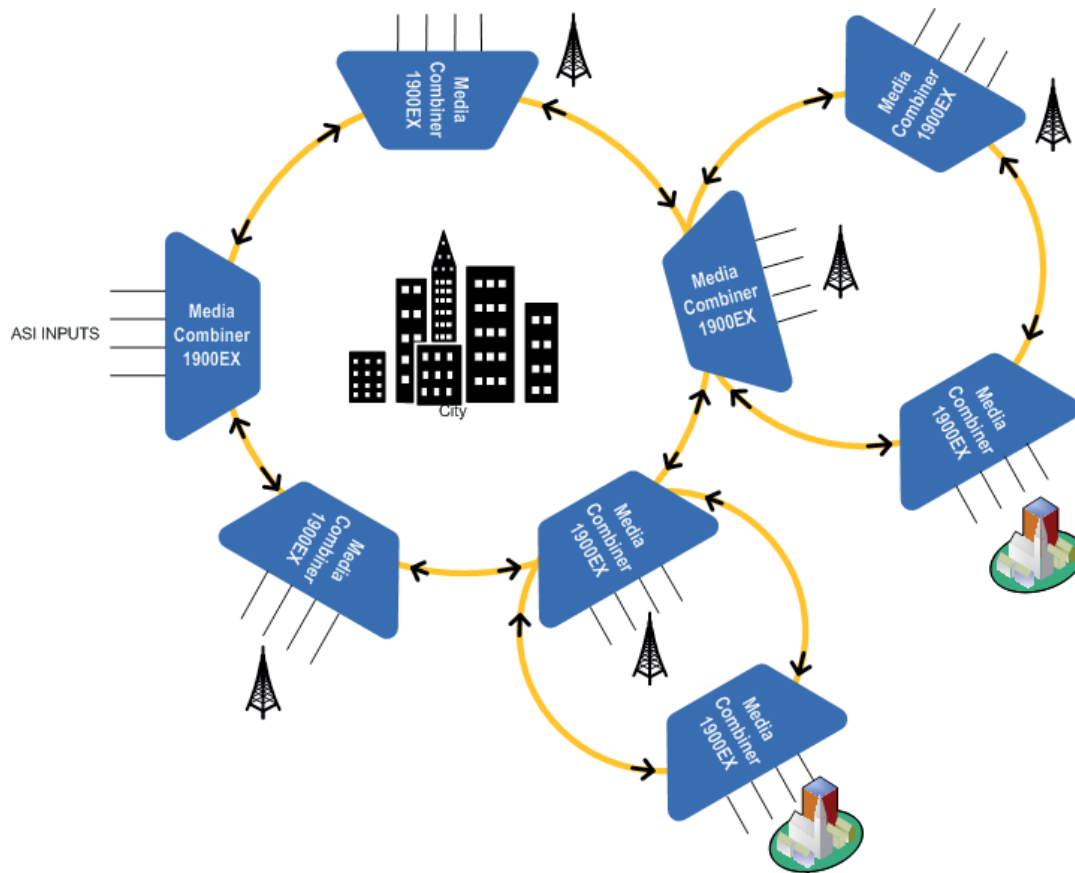
Fast Redundant Ring Technology

Provides for redundancy switching of less than 5 ms per link.

The non blocking wire speed switching and QoS/CoS of the 1900EX ensures that real time Video IP, DVB-ASI and 2Mbit/s G.703 traffic can be delivered securely and error free across multiple Ethernet circuits in ring and meshed configurations.

Preconfigured for Broadcast Use

Minimal configuration. Ports pre-programmed for IGMP or Fast Redundant Ring. Product configured to your VLAN on request.



Technical Specifications

Management and Control

Front panel interface for local control
Remote monitoring is offered by optional web server and SNMP

Mechanical

Height: 43.6mm (1U)
Width: 482.6mm (19")
Depth: 383mm (15") incl. connectors
Weight: 5.6kg (12.3lbs)

Power Supply

Dual supply, single phase auto-ranging
Power consumption 6W max.
Choice of: 100-240VAC (50-60Hz)
or: 36-72V DC (factory fitted option)

Environmental

Operating temperature: 0°C to 45°C
Storage temperature: -5°C to 70°C