



# Utah-400 iP

## Gigabit Ethernet Workgroup Router



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## Real-Time Control for Ethernet Networks

The UTAH-400 iP is a 24-port Gigabit Ethernet workgroup router with a difference. This router offers unique management functionality, giving users real-time, on-the-fly control of port priority along with security groups and port speed on Ethernet networks. The UTAH-400 iP Managed Gigabit Ethernet Workgroup Router can dramatically increase workflow efficiency in broadcasting or any situation where large video files or high-bit-rate video streaming are transferred over an Ethernet network.

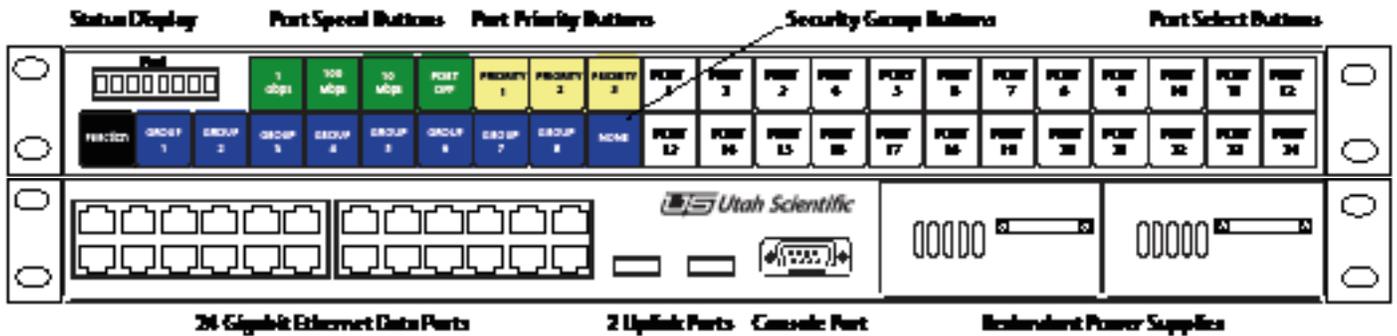
The UTAH-400 iP's dedicated control panel enables an operator to control switch parameters instantly. This includes allocating bandwidth, QOS, and VLAN assignments in response to the constantly changing needs of a network. The ability to make instantaneous changes in response to traffic conditions means high-priority items coming from any device can be moved to any other port with top priority while lower priority items wait their turn. Dynamic management can also be used to reduce errors in streaming media traffic.

### Utah-400 IP Features

- 24 Gigabit ethernet ports
- Dual 5Gbps uplink ports
- Unique Management capabilities
- Redundant power supplies
- Front or rear cable entry

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The control panel enables dynamic creation of security groups so the user can partition the network into smaller virtual networks, providing assurance that sensitive content can be seen only by people authorized to see it. Port speed control helps troubleshoot network operations and allows the operator to isolate network nodes that are using too much band-width.



The 1RU control panel is connected to the router by a serial cable, allowing the control panel to be mounted in a different location than the router where operational requirements dictate. One control panel can control up to four routers for use in controlling clusters of routers from a single location.

The UTAH-400 iP Managed Gigabit Ethernet Workgroup Router is a freestanding product that can be upgraded to work under command of the Utah Scientific SC-4 Control System, providing users with integrated control of their broadcast and IT routing systems.

The UTAH-400 iP Router is packaged in a 1RU rack-mount chassis with dual redundant power supplies for maximum operational reliability. The power supplies are removable from the front and are hot-pluggable to facilitate in-service re-placement. The router electronics are carried in a separate sub-frame that can be mounted in two positions to accommodate either front-entry or rear-entry cable installation. The dual 5Gbps Uplink Ports allow multiple units to be combined together via high-speed interconnect to form a larger network.

For applications where the control panel is not required, the UTAH-400 iP router is available as a standalone unit. The standalone router is controlled via Ethernet communications from the Utah Scientific SC-4 System Controller or via the router's built-in web interface.

