

Gemini Express Star Hub for IBM System/3x and AS/400



- **Proven interoperability** with 5250 compatibles
- **Standards-based 5250 "Star" hub** distribution allows greater flexibility for adds, moves, and changes
- **High reliability** digital design
- **Supports new IBM 5250 Express protocol** - up to 400% throughput enhancement
- **Uses LAN cabling system** - simple migration
- IBM AS/400™ Advanced Series compatible
- **Advanced noise filtering and signal conditioning** allows the use of poorer grade cabling systems
- **Automatic data rate detection**
- **Polarity insensitive** as long as host and device polarities are the same.
- **Protocol transparent design** ensures future 5250 compatibility
- **Meets or exceeds EIA/TIA wiring recommendations**



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Decision Data continues to show its design leadership and commitment to its AS/400 customers by announcing the Gemini Express Dual Active Star Hub. The Gemini Express (Hub) will fully support the new line speed (2Mbps) and throughput performance increases (up to 4 times faster!) available on the latest IBM AS/400e products. The use of the Gemini Express Hub ensures protection against immediate and future performance bottlenecks caused by standard single-speed hubs in the AS/400 physical-wiring infrastructure. The Gemini Express Star Hub transparently supports ALL new features and performance gains available on the new IBM AS/400e Advanced Series Controllers and the new 5250 Express Emulation adapters, such as TCP/IP over 5250. The Gemini Express Hub has 2 Host Ports supporting 14 Device Ports available with either R-J11 or RJ-45 connectors. Other features include Advanced Noise Filtering, LED Port Diagnostics, Configurable UTP Pin Assignments, and a Field Replaceable wide-ranging Power Supply.

Specifications

Gemini Express Hub

Host Ports/Device Ports:	2/14
Data Rate:	ALL IBM 5250 protocol rates
Nominal input impedance:	100 ohms
Interface:	RJ11 or RJ45
Active Pair:	Configurable

Distances

Controller to GEMINI Hub:	Up to 2000 ft.
GEMINI Hub to Device:	Up to 2200 ft.

Diagnostic LED's Power, host / device port activity & mode.

Power: 100-240 VAC to +5VDC external power supply

Temperature

Operating:	0 to 40 C
Storage:	0 to 85 C
Humidity:	95% non-condensing

Dimensions: 19" X 8.75" X 1.75" (1U)

Warranty: Three years

Ordering Information

Part No.	Description
301-2305-01	Express star with RJ11 ports
301-2305-02	Express star with RJ45 ports
301-2304-021	Gemini Active Hub, 2 ports, RJ45 and 16 baluns
301-2305-021	Gemini Express Hub, 2 ports, RJ45 and 16 baluns

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