

New 5RU High Performance Digital Switch 512 x 512 TTL/PCM Signals - Up to 40Mbps

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FOR IMMEDIATE RELEASE

BURBANK, CA, USA - November 15 2023 - Universal Switching Corporation (uswi.com), the leading global manufacturer of signal switching, distribution and conversion products, announced today the release of a new 5RU sized high performance Digital TTL/PCM switch matrix unit. Sources at the company say the development of this unit was driven by both the increase of additional data signal routing, and the unreliability and data delays of TMoIP type telemetry data routing on already bandwidth taxed networks.

Leveraged from our field proven [S2560F](#) unit, there is no other product in the world that provides switching capability of 512x512 in a unit this small (5RU) and this dense. With additional hardware the configuration can easily be expanded to a full 1024x1024. The unit has been designed for maximum reliability and serviceability with hot-swap power supplies, hot-swap modules, dual CPU option, and a tri-stage switch architecture for redundant routing. Boasting a fast 40Mbps data throughput, it is perfectly suited for todays and tomorrows telemetry needs. The unit's native signal I/O is differential '422 and is interfaced by a family of passive or active adapter panels. The active panels convert the '422 into TTL/PCM signals.

[PRODUCT LINK](#)

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About Universal Switching Corporation (USC)

Universal Switching Corporation (USC) is a privately held corporation in the city of Burbank located in southern California. The company manufactures best-in-class programmable signal switching and distribution products for rugged and industrial applications, government subcontractors, and for industrial or commercial customers in the US and abroad. USC signal switching and distribution products are sold internationally for use in the defense community, communication, telemetry, ATE and broadcast industries. All products are manufactured in Burbank CA and are supported by their ISO 9001:2015 [Quality Management System](#). Since 1992, they have continued to introduce innovative cutting-edge products supported by both domestic and international sales offices.

[Contact the factory](#) for more information.

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